

Sisukord


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ALTER PROCEDURE dbo.int_hooldus_klient_pvn @aeg1 datetime, @aeg2 datetime AS

--static vars
DECLARE @vat_declar_name nvarchar(200) SET @vat_declar_name = 'PVN'
DECLARE @stat_vat DECIMAL SET @stat_vat = 21
DECLARE @lim DECIMAL SET @lim = ISNULL((SELECT TOP 1 CAST(ISNULL(kontod,
1000) AS DECIMAL) FROM fin_aru_kaive_read WITH (NOLOCK) WHERE NUMBER=9000
AND kood=@vat_declar_name AND ttyp = 3), 1000)
DECLARE @account INT SET @account = 57211
DECLARE @i INT SET @i = 1
DECLARE @x nvarchar(10) SET @x = '1'
DECLARE @y nvarchar(10) SET @y = '1'

--numbers helper
DECLARE @numbers TABLE (n INT) INSERT INTO @numbers
SELECT TOP 1000 ROW_NUMBER() OVER(ORDER BY t1.number)
FROM master..spt_values t1
CROSS JOIN master..spt_values t2
--vat summary
DECLARE @vat_declar_sums TABLE
(
row_nr INT,
row_type INT,
c_class INT,
vat_code nvarchar(30),
nr nvarchar(30),
description nvarchar(200),
range_formula nvarchar(200),
doc_sum DECIMAL(15,2)
)
INSERT INTO @vat_declar_sums
SELECT ROW_NUMBER() OVER (ORDER BY kood), ttyp, kontoklass, kmkood,
NUMBER, tekst, kontod, 0
FROM fin_aru_kaive_read WITH (NOLOCK)
WHERE kood=@vat_declar_name
AND (ttyp = 1 OR ttyp = 2 OR ttyp = 8 OR ttyp = 7)
ORDER BY NUMBER

--account range elements
DECLARE @elements TABLE (nr nvarchar(30), e nvarchar(200))
INSERT INTO @elements
SELECT
nr,
RTRIM(LTRIM(SUBSTRING('+ ' + range_formula + '+',n+1,CHARINDEX('+ ', '+' +
range_formula + '+ ',n+1)-n-1)))
FROM @numbers, @vat_declar_sums
WHERE n < LEN('+ ' + range_formula + '+')
AND SUBSTRING('+ ' + range_formula + '+ ',n,1) = '+'
AND range_formula LIKE '%_'
AND (row_type = 1 OR row_type = 8 OR row_type = 7)

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--account ranges start-end
DECLARE @element_ranges TABLE (row_nr INT, nr nvarchar(30), e_start
nvarchar(200), e_end nvarchar(200))
INSERT INTO @element_ranges
SELECT
    ROW_NUMBER() OVER (ORDER BY nr),
    nr,
    CASE WHEN CHARINDEX(':', e) > 0 THEN LEFT(e, CHARINDEX(':', e)-1) ELSE e
END,
    CASE WHEN CHARINDEX(':', e) > 0 THEN SUBSTRING(e, CHARINDEX(':', e)+1,
LEN(e)) ELSE e END
FROM @elements

--update vat declaration sums according to account ranges
WHILE @i <= (SELECT COUNT(row_nr) FROM @element_ranges)
BEGIN
    SET @x = (SELECT (CASE WHEN ISNUMERIC(er.e_start) = 1 THEN er.e_start
ELSE '0' END) FROM @element_ranges er WHERE er.row_nr = @i)
    SET @y = (SELECT (CASE WHEN ISNUMERIC(er.e_end) = 1 THEN er.e_end ELSE
'0' END) FROM @element_ranges er WHERE er.row_nr = @i)

    UPDATE @vat_declar_sums SET doc_sum = doc_sum +
        ISNULL((
            SELECT SUM(ISNULL(baas1deebet, 0)) - SUM(ISNULL(baas1kreedit, 0))
            FROM fin_kanded_read WITH (NOLOCK)
            WHERE CAST(r_aeg AS DATE) BETWEEN CAST(@aeg1 AS DATE) AND CAST(@aeg2
AS DATE)
                AND konto BETWEEN @x AND @y
                AND kmkood = vat_code
            ),0)
    WHERE ISNUMERIC(vat_code) = 1 AND c_class = 3 AND row_type=1
    AND nr = (SELECT er.nr FROM @element_ranges er WHERE er.row_nr = @i)
    UPDATE @vat_declar_sums SET doc_sum = doc_sum +
        ISNULL((
            SELECT SUM(ISNULL(baas1deebet, 0)) - SUM(ISNULL(baas1kreedit, 0))
            FROM fin_kanded_read WITH (NOLOCK)
            WHERE CAST(r_aeg AS DATE) BETWEEN CAST(@aeg1 AS DATE) AND CAST(@aeg2
AS DATE)
                AND konto BETWEEN @x AND @y
                AND kmkood = vat_code
            ),0)
    WHERE ISNUMERIC(vat_code) = 0 AND c_class = 3 AND row_type=1
    AND nr = (SELECT er.nr FROM @element_ranges er WHERE er.row_nr = @i)

    UPDATE @vat_declar_sums SET doc_sum = doc_sum +
        ISNULL((
            SELECT SUM(ISNULL(baas1kreedit, 0)) - SUM(ISNULL(baas1deebet, 0))
            FROM fin_kanded_read WITH (NOLOCK)
            WHERE CAST(r_aeg AS DATE) BETWEEN CAST(@aeg1 AS DATE) AND CAST(@aeg2
AS DATE)

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        AND konto BETWEEN @x AND @y
        AND kmkood = vat_code
    ),0)
WHERE ISNUMERIC(vat_code) = 1 AND c_class = 4 AND row_type=1
    AND nr = (SELECT er.nr FROM @element_ranges er WHERE er.row_nr = @i)

UPDATE @vat_declar_sums SET doc_sum = doc_sum +
ISNULL((
    SELECT SUM(ISNULL(baaslkreedit, 0)) - SUM(ISNULL(baasldeebet, 0))
    FROM fin_kanded_read WITH (NOLOCK)
    WHERE CAST(r_aeg AS DATE) BETWEEN CAST(@aeg1 AS DATE) AND CAST(@aeg2
AS DATE)
        AND konto BETWEEN @x AND @y
        AND kmkood = vat_code
    ),0)
WHERE ISNUMERIC(vat_code) = 0 AND c_class = 4 AND row_type=1
    AND nr = (SELECT er.nr FROM @element_ranges er WHERE er.row_nr = @i)

        UPDATE @vat_declar_sums SET doc_sum = doc_sum +
ISNULL((
    SELECT SUM(ISNULL(baaslkreedit, 0)) + SUM(isnull(baasldeebet *
(-1),0))
    FROM fin_kanded_read WITH (NOLOCK)
    WHERE CAST(r_aeg AS DATE) BETWEEN CAST(@aeg1 AS DATE) AND CAST(@aeg2
AS DATE)
        AND konto BETWEEN @x AND @y
        AND (baaslkreedit > 0 OR baasldeebet < 0)
    ),0)
WHERE ISNUMERIC(vat_code) = 0 AND c_class = 4 AND row_type=8
    AND nr = (SELECT er.nr FROM @element_ranges er WHERE er.row_nr = @i)

UPDATE @vat_declar_sums SET doc_sum = doc_sum +
ISNULL((
    SELECT SUM(ISNULL(baaslkreedit, 0)) + SUM(isnull(baasldeebet *
(-1),0))
    FROM fin_kanded_read WITH (NOLOCK)
    WHERE CAST(r_aeg AS DATE) BETWEEN CAST(@aeg1 AS DATE) AND CAST(@aeg2
AS DATE)
        AND konto BETWEEN @x AND @y
        AND (baaslkreedit > 0 OR baasldeebet < 0)
        AND kmkood = vat_code
    ),0)
WHERE ISNUMERIC(vat_code) = 1 AND c_class = 4 AND row_type=8
    AND nr = (SELECT er.nr FROM @element_ranges er WHERE er.row_nr = @i)

        UPDATE @vat_declar_sums SET doc_sum = doc_sum +
ISNULL((
    SELECT SUM(ISNULL(baaslkreedit, 0)) + SUM(isnull(baasldeebet *
(-1),0))
    FROM fin_kanded_read WITH (NOLOCK)
    WHERE CAST(r_aeg AS DATE) BETWEEN CAST(@aeg1 AS DATE) AND CAST(@aeg2

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AS DATE)
    AND konto BETWEEN @x AND @y
    AND (baaslkreedit < 0 OR baasldeebet > 0)
),0)
WHERE ISNUMERIC(vat_code) = 0 AND c_class = 3 AND row_type=7
    AND nr = (SELECT er.nr FROM @element_ranges er WHERE er.row_nr = @i)

UPDATE @vat_declar_sums SET doc_sum = doc_sum +
ISNULL((
    SELECT SUM(ISNULL(baaslkreedit, 0)) + SUM(isnull(baasldeebet *
(-1),0))
    FROM fin_kanded_read WITH (NOLOCK)
    WHERE CAST(r_aeg AS DATE) BETWEEN CAST(@aeg1 AS DATE) AND CAST(@aeg2
AS DATE)
    AND konto BETWEEN @x AND @y
    AND (baaslkreedit < 0 OR baasldeebet > 0)
    AND kmkood = vat_code
),0)
WHERE ISNUMERIC(vat_code) = 1 AND c_class = 3 AND row_type=7
    AND nr = (SELECT er.nr FROM @element_ranges er WHERE er.row_nr = @i)

UPDATE @vat_declar_sums SET doc_sum = doc_sum +
ISNULL((
    SELECT SUM(kaive/ISNULL(kurss_e,1))
    FROM int_konto_ajalugu WITH (NOLOCK)
    WHERE CAST(aeg AS DATE) BETWEEN CAST(@aeg1 AS DATE) AND CAST(@aeg2
AS DATE)
    AND konto BETWEEN @x AND @y
),0)
WHERE ISNUMERIC(vat_code) <> 1
    AND nr = (SELECT er.nr FROM @element_ranges er WHERE er.row_nr = @i)
AND row_type=1

SET @i = @i + 1
END

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SET nocount ON
DECLARE @pvn13_vat_codes_1_1 TABLE
(
    code nvarchar(30),
    rate DECIMAL,
    proportion DECIMAL,
    description nvarchar(200),
    sales_account nvarchar(30),
    purchase_account nvarchar(30),

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    info nvarchar(200),
    dar_veids nvarchar(5),
    do_limit VARCHAR(2)
)
INSERT INTO @pvn13_vat_codes_1_1
    SELECT kood, ilmakm, or_proportsioon, seletus, myykkonto, ostuKMkonto,
    lisainfo,
        CAST(ISNULL((SELECT TOP 1 sisu FROM yld_data yd WITH (NOLOCK) WHERE
        yd.kaart=fk.kood AND kood='DARTIPS1_3' AND klass='kmk'), '41') AS
    nvarchar(10)) AS dar_veids,
        CAST(ISNULL((SELECT TOP 1 sisu FROM yld_data yd WITH (NOLOCK) WHERE
        yd.kaart=fk.kood AND kood='LIMITS' AND klass='kmk'), 'Ja') AS VARCHAR(2)) AS
    do_limit
    FROM fin_kmkoodid fk
    WHERE lisainfo LIKE '%pvn13%'

DECLARE @pvn11_vat_codes TABLE
(
    code nvarchar(30),
    rate DECIMAL,
    reverse_rate DECIMAL,
    proportion DECIMAL,
    description nvarchar(200),
    sales_account nvarchar(30),
    purchase_account nvarchar(30),
    info nvarchar(200),
    dar_veids nvarchar(5),
    do_limit VARCHAR(2)
)
INSERT INTO @pvn11_vat_codes
    SELECT kood, ilmakm, poord, or_proportsioon, seletus, myykkonto,
    ostuKMkonto, lisainfo,
        CAST(ISNULL((SELECT TOP 1 sisu FROM yld_data yd WITH (NOLOCK) WHERE
        yd.kaart=fk.kood AND kood='DARTIPS1_1' AND klass='kmk'), 'I') AS
    nvarchar(10)) AS dar_veids,
        CAST(ISNULL((SELECT TOP 1 sisu FROM yld_data yd WITH (NOLOCK) WHERE
        yd.kaart=fk.kood AND kood='LIMITS' AND klass='kmk'), 'Ja') AS VARCHAR(2)) AS
    do_limit
    FROM fin_kmkoodid fk
    WHERE lisainfo LIKE '%pvn11%'

DECLARE @pvn1_1_temp TABLE
(
    dar_veids nvarchar(5),
    do_limit VARCHAR(2),
    dok_veids nvarchar(1),
    doc_nr nvarchar(30),
    directo_nr nvarchar(30),
    vat_code nvarchar(30),
    client_name nvarchar(30),
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    vat_reg_nr nvarchar(30),
    doc_sum DECIMAL(15,2),
    doc_vat DECIMAL(15,2),
    doc_date nvarchar(30),
    vatc_prepayment DECIMAL(15,2)
)

DECLARE @pvn1_1_r_rows TABLE
(
    dar_veids nvarchar(5),
    do_limit VARCHAR(2),
    dok_veids nvarchar(1),
    doc_nr nvarchar(30),
    directo_nr nvarchar(30),
    vat_code nvarchar(30),
    client_name nvarchar(30),
    vat_reg_nr nvarchar(30),
    doc_sum DECIMAL(15,2),
    doc_vat DECIMAL(15,2),
    doc_date nvarchar(30),
    vatc_prepayment DECIMAL(15,2)
)

DECLARE @pvn1_1_values_by_doc TABLE
(
    rn INT,
    dar_veids nvarchar(5),
    do_limit VARCHAR(2),
    dok_veids nvarchar(1),
    doc_nr nvarchar(30),
    directo_nr nvarchar(30),
    vat_code nvarchar(30),
    client_name nvarchar(30),
    vat_reg_nr nvarchar(30),
    doc_sum DECIMAL(15,2),
    doc_vat DECIMAL(15,2),
    doc_date nvarchar(30),
    doc_sum_total DECIMAL(15,2),
    vatc_prepayment DECIMAL(15,2)
)

DECLARE @pvn1_1_top_sums_supplier TABLE
(
    vat_reg_nr nvarchar(30),
    doc_sum DECIMAL(15,2),
    doc_vat DECIMAL(15,2)
)

DECLARE @pvn1_1_sums_supplier TABLE
(
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    vat_reg_nr nvarchar(30),
    doc_sum DECIMAL(15,2),
    doc_vat DECIMAL(15,2)
)
DECLARE @pvn1_1_top_table TABLE
(
    dar_veids nvarchar(5),
    do_limit VARCHAR(2),
    dok_veids nvarchar(1),
    doc_nr nvarchar(30),
    directo_nr nvarchar(30),
    vat_code nvarchar(30),
    client_name nvarchar(30),
    vat_reg_nr nvarchar(30),
    doc_sum DECIMAL(15,2),
    doc_vat DECIMAL(15,2),
    doc_date nvarchar(30),
    rn INT
)
DECLARE @pvn1_1_top_r_table TABLE
(
    dar_veids nvarchar(5),
    do_limit VARCHAR(2),
    dok_veids nvarchar(1),
    doc_nr nvarchar(30),
    directo_nr nvarchar(30),
    vat_code nvarchar(30),
    client_name nvarchar(30),
    vat_reg_nr nvarchar(30),
    doc_sum DECIMAL(15,2),
    doc_vat DECIMAL(15,2),
    doc_date nvarchar(30)
    ,rn INT
)
DECLARE @pvn_1_1_v_totals TABLE
(
    dok_veids nvarchar(32),
    client_name nvarchar(30),
    vat_reg_nr nvarchar(32),
    doc_sum DECIMAL(15,2),
    doc_vat DECIMAL(15,2)
)
DECLARE @pvn_1_1_v_totals2 TABLE
(
    dok_veids nvarchar(32),
    client_name nvarchar(30),
    vat_reg_nr nvarchar(32),
    doc_sum DECIMAL(15,2),
    doc_vat DECIMAL(15,2)
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)
DECLARE @pvn_1_1_t_totals TABLE
(
    doc_sum DECIMAL(15,2),
    doc_vat DECIMAL(15,2),
    doc_nr nvarchar(255)
)
DECLARE @pvn_1_1_totals TABLE
(
    doc_sum DECIMAL(15,2),
    doc_vat DECIMAL(15,2)
)
INSERT @pvn1_1_temp --sales invoices
SELECT
    (SELECT TOP 1 dar_veids FROM @pvn11_vat_codes vc WHERE vc.code =
mr_arved_read.kmk) AS dar_veids,
    (SELECT TOP 1 do_limit FROM @pvn11_vat_codes vc WHERE vc.code =
mr_arved_read.kmk) AS do_limit,
    CASE WHEN (isnull(ettemaks,0) = 0) THEN '1' ELSE '1' END AS dok_veids,
    mr_arved_read.number AS doc_nr,
    mr_arved_read.number AS doc_nr,
    kmk AS vat_code,
    CAST((klient_nimi) AS nvarchar(30)) AS client_name,
    CAST(CASE WHEN (kmregnumber IS NOT NULL OR kmregnumber!=' ') THEN
kmregnumber ELSE (SELECT top 1 kmregnr FROM kliendid WHERE
kood=mr_arved.klient_kood)END AS nvarchar(30)) AS vat_reg_nr,
    CAST((ROUND(ISNULL(summa, 0), 4)) AS DECIMAL(15,2)) AS doc_sum,
    isnull(CAST((ROUND(ISNULL(summa, 0), 4) * (NULLIF((ISNULL((SELECT TOP
1 rate FROM @pvn11_vat_codes WHERE code = mr_arved_read.kmk), 0) / 100),
0))) AS DECIMAL(15,2)), '0.00') AS doc_vat,
    REPLACE(CONVERT(VARCHAR, aeg, 111), '/', '-') AS doc_date,
    (SELECT SUM(summa) FROM mr_arved_ettemaksud mae WHERE
mae.arve=mr_arved_read.number AND mae.kmk=mr_arved_read.kmk)
FROM mr_arved_read WITH (NOLOCK) INNER JOIN mr_arved ON
mr_arved_read.number=mr_arved.number
WHERE
    CAST(aeg AS DATE) BETWEEN CAST(@aeg1 AS DATE) AND CAST(@aeg2 AS DATE)
    AND (kinnitatud = 1)
    AND kmk IN (SELECT code FROM @pvn11_vat_codes)
    AND artikkel IS NOT NULL
    AND ((ISNULL(NULLIF(kredarve, ''), '') = '') OR (CAST((SELECT TOP 1
ma_inner.aeg FROM mr_arved ma_inner WHERE ma_inner.number =
mr_arved.kredarve) AS DATE) BETWEEN CAST(@aeg1 AS DATE) AND CAST(@aeg2 AS
DATE))))
UNION ALL
SELECT
    (SELECT TOP 1 dar_veids FROM @pvn13_vat_codes_1_1 vc WHERE vc.code =
mr_arved_read.kmk) AS dar_veids,
    (SELECT TOP 1 do_limit FROM @pvn13_vat_codes_1_1 vc WHERE vc.code =
mr_arved_read.kmk) AS do_limit,
    CASE WHEN (isnull(ettemaks,0) = 0) THEN '4' ELSE 'Z' END AS dok_veids,

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    mr_arved_read.number AS doc_nr,
    mr_arved_read.number AS doc_nr,
    kmk AS vat_code,
    CAST((klient_nimi) AS nvarchar(30)) AS client_name,
    CAST(CASE WHEN (kmregnumber IS NOT NULL OR kmregnumber!=' ') THEN
kmregnumber ELSE (SELECT top 1 kmregnr FROM kliendid WHERE
kood=mr_arved.klient_kood)END AS nvarchar(30)) AS vat_reg_nr,
    CAST((ROUND(ISNULL(summa * (-1), 0), 4)) AS DECIMAL(15,2)) AS doc_sum,
    isnull(CAST((ROUND(ISNULL(summa * (-1), 0), 4) *
(NULLIF((ISNULL((SELECT TOP 1 rate FROM @pvn13_vat_codes_1_1 WHERE code =
mr_arved_read.kmk), 0) / 100), 0))) AS DECIMAL(15,2)), '0.00') AS doc_vat,
    REPLACE(CONVERT(VARCHAR, aeg, 111), '/', '-') AS doc_date,
    (SELECT SUM(summa) * (-1) FROM mr_arved_ettemaksud mae WHERE
mae.arve=mr_arved_read.number AND mae.kmk=mr_arved_read.kmk)
    FROM mr_arved_read WITH (NOLOCK) INNER JOIN mr_arved ON
mr_arved_read.number=mr_arved.number
    WHERE
        CAST(aeg AS DATE) BETWEEN CAST(@aeg1 AS DATE) AND CAST(@aeg2 AS DATE)
        AND (kinnitatud = 1)
        AND kmk IN (SELECT code FROM @pvn13_vat_codes_1_1)
        AND artikkel IS NOT NULL
        AND (kredarve IS NOT NULL OR mr_arved.kokku <=0 )
        --AND ((ISNULL(NULLIF(kredarve, ''), '') = '') OR (CAST((SELECT TOP 1
ma_inner.aeg FROM mr_arved ma_inner WHERE ma_inner.number =
mr_arved.kredarve) AS date) BETWEEN CAST(@aeg1 AS date) AND CAST(@aeg2 AS
date)))

INSERT @pvn1_1_temp --purchase invoices
SELECT
    isnull((SELECT TOP 1 dar_veids FROM @pvn11_vat_codes vc WHERE vc.code =
oar.kmkood), 'A') AS dar_veids,
    (SELECT TOP 1 do_limit FROM @pvn11_vat_codes vc WHERE vc.code =
oar.kmkood) AS do_limit,
    '1',
    CAST(oa.hankija_arve AS nvarchar(30)) AS client_doc_nr,
    -- CAST(oa.number AS nvarchar(30)) AS client_doc_nr,
    CAST(oa.number AS nvarchar(30)) AS client_doc_nr,
    CAST(oar.kmkood AS nvarchar(30)) AS vat_code,
    CAST(oa.hankija_nimi AS nvarchar(30)) AS client_name,
    CAST((SELECT TOP 1 kmregnr FROM hankijad WHERE hankijad.kood =
oa.hankija_kood) AS nvarchar(30)) AS vat_reg_nr,
    --CAST(isnull(oar.a_summa, oar.summa) * ISNULL(oa.kurssbv1, 1) AS
decimal(15,2)) AS doc_sum,
    (CASE
        WHEN ((ISNULL((SELECT TOP 1 reverse_rate FROM @pvn11_vat_codes WHERE
code = oar.kmkood), 0)) != 0 AND oar.konto!=@account)
            THEN
                CAST(oar.summa * ISNULL(oa.kurssbv1, 1) AS DECIMAL(15,4))
        WHEN
            ((ISNULL((SELECT TOP 1 reverse_rate FROM @pvn11_vat_codes WHERE
code = oar.kmkood), 0)) = 0 AND (ISNULL((SELECT TOP 1 proportion FROM

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@pvn11_vat_codes WHERE code = oar.kmkood), 0)) = 0 AND oar.konto!=@account)
    THEN
        CAST(oar.summa * ISNULL(oa.kurssbv1, 1) AS DECIMAL(15,4))
    WHEN ((ISNULL((SELECT TOP 1 proportion FROM @pvn11_vat_codes WHERE
code = oar.kmkood), 0)) != 0 AND oar.konto!=@account)
        THEN
            CAST((oar.a_summa * ISNULL(oa.kurssbv1, 1)) *
(ISNULL((SELECT TOP 1 proportion FROM @pvn11_vat_codes WHERE code =
oar.kmkood), 0) / 100) AS DECIMAL(15,4))
        WHEN (oar.konto=@account) THEN 0
    END) AS doc_sum,
    (CASE
        WHEN ((ISNULL((SELECT TOP 1 reverse_rate FROM @pvn11_vat_codes WHERE
code = oar.kmkood), 0)) != 0 AND oar.konto!=@account)
            THEN
                CAST(oar.summa * ISNULL(oa.kurssbv1, 1) * ((ISNULL((SELECT
TOP 1 reverse_rate FROM @pvn11_vat_codes WHERE code = oar.kmkood), 0)) /
100) AS DECIMAL(15,4))
            WHEN
                ((ISNULL((SELECT TOP 1 reverse_rate FROM @pvn11_vat_codes WHERE
code = oar.kmkood), 0)) = 0 AND (ISNULL((SELECT TOP 1 proportion FROM
@pvn11_vat_codes WHERE code = oar.kmkood), 0)) = 0 AND oar.konto!=@account)
                    THEN
                        --CAST(oar.summa * ISNULL(oa.kurssbv1, 1) * ((ISNULL((SELECT TOP
1 rate FROM @pvn11_vat_codes WHERE code = oar.kmkood), 0)) / 100) AS
decimal(15,4))
                    CAST(km AS DECIMAL(15,4))
                WHEN ((ISNULL((SELECT TOP 1 proportion FROM @pvn11_vat_codes WHERE
code = oar.kmkood), 0)) != 0 AND oar.konto!=@account)
                    THEN
                        CAST(oar.km * ISNULL(oa.kurssbv1, 1) AS DECIMAL(15,4))
                        /* ((ISNULL((SELECT TOP 1 rate FROM @pvn11_vat_codes WHERE
code = oar.kmkood), 0)) / 100)) * (ISNULL((SELECT TOP 1 proportion FROM
@pvn11_vat_codes WHERE code = oar.kmkood), 0) / 100) */
                    WHEN (oar.konto=@account) THEN CAST(oar.summa * ISNULL(oa.kurssbv1,
1) AS DECIMAL(15,4))
                END) AS doc_vat,
        REPLACE(CONVERT(VARCHAR, oa.aeg, 111), '/', '-') AS doc_date,
        (SELECT SUM(summa) FROM or_arved_ettemaksud mae WHERE
mae.arve=oar.number AND mae.kmk=oar.kmkood)
        FROM or_arved oa, or_arved_read oar WITH (NOLOCK)
        WHERE CAST(oa.kande_aeg AS DATE) BETWEEN CAST(@aeg1 AS DATE) AND
CAST(@aeg2 AS DATE)
        AND (oa.kinnitatud = 'True')
        AND (oa.number = oar.number)
        -- AND NOT (oar.konto = CAST(@account AS nvarchar))
        AND (oar.kmkood IN (SELECT code FROM @pvn11_vat_codes) OR
oar.hankija_kood='859')
        --select * from @pvn1_1_temp
INSERT @pvn1_1_temp --payments
SELECT

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    (SELECT TOP 1 dar_veids FROM @pvn11_vat_codes vc WHERE vc.code =
otr.kmk) AS dar_veids,
    (SELECT TOP 1 do_limit FROM @pvn11_vat_codes vc WHERE vc.code = otr.kmk)
AS do_limit,
    '3',
    CAST(ot.number AS nvarchar(30)) AS client_doc_nr,
    CAST(ot.number AS nvarchar(30)) AS client_doc_nr,
    CAST(otr.kmk AS nvarchar(30)) AS vat_code,
    CAST((SELECT CAST(nimi AS nvarchar(30)) FROM hankijad WITH (NOLOCK)
WHERE (hankijad.kood=otr.hankija_kood)) AS nvarchar(30)) AS client_name,
    CAST((SELECT CAST(kmregnr AS nvarchar(30)) FROM hankijad WITH (NOLOCK)
WHERE (hankijad.kood=otr.hankija_kood)) AS nvarchar(30)) AS vat_reg_nr,
    --CAST(otr.summa_p AS decimal(15,2)) AS doc_sum,
    --CAST((otr.summa_p * (@stat_vat / 100)) AS decimal(15,2)) AS doc_vat,
    (CASE
    WHEN ((ISNULL((SELECT TOP 1 reverse_rate FROM @pvn11_vat_codes WHERE
code = otr.kmk), 0)) != 0)
    THEN CAST(otr.summa_p AS DECIMAL(15,2))
    ELSE CAST((otr.summa_p / (1 + @stat_vat / 100)) AS DECIMAL(15,2))
END) AS doc_sum,
    (CASE
    WHEN ((ISNULL((SELECT TOP 1 reverse_rate FROM @pvn11_vat_codes WHERE
code = otr.kmk), 0)) != 0)
    THEN CAST(otr.summa_p * ((ISNULL((SELECT TOP 1 reverse_rate FROM
@pvn11_vat_codes WHERE code = otr.kmk), 0)) / 100) AS DECIMAL(15,2))
    ELSE CAST((otr.summa_p / (1 + @stat_vat / 100) * (@stat_vat / 100))
AS DECIMAL(15,2))
END) AS doc_vat,
    REPLACE(CONVERT(VARCHAR, ot.aeg, 111), '/', '-') AS doc_date,
    0
FROM or_tasumised ot, or_tasumised_read otr WITH (NOLOCK)
WHERE CAST(ot.aeg AS DATE) BETWEEN CAST(@aeg1 AS DATE) AND CAST(@aeg2 AS
DATE)
AND (ot.kinnitatud='True')
AND (ot.number=otr.number)
AND (EXISTS(SELECT 1 FROM @pvn11_vat_codes WHERE code = otr.kmk))
UNION
SELECT
    (SELECT TOP 1 dar_veids FROM @pvn11_vat_codes vc WHERE vc.code =
oae.kmk) AS dar_veids,
    (SELECT TOP 1 do_limit FROM @pvn11_vat_codes vc WHERE vc.code = oae.kmk)
AS do_limit,
    '9',
    CAST((SELECT hankija_arve FROM or_arved WHERE NUMBER = oae.arve )AS
nvarchar(30)),
    CAST((SELECT hankija_arve FROM or_arved WHERE NUMBER = oae.arve )AS
nvarchar(30)),
    oae.kmk,
    CAST((SELECT nimi FROM hankijad h WHERE h.kood = (SELECT hankija_kood
FROM or_arved oa WHERE oa.number=oae.arve)) AS nvarchar(30)),
    CAST((SELECT kmregnr FROM hankijad h WHERE h.kood = (SELECT hankija_kood

```

```

FROM or_arved oa WHERE oa.number=oe.arve)) AS nvarchar(30)),
(CASE
  WHEN ((ISNULL((SELECT TOP 1 reverse_rate FROM @pvn11_vat_codes WHERE
code = oe.kmk), 0)) != 0)
    THEN CAST(oe.summa AS DECIMAL(15,2)) - isnull(CAST((SELECT
SUM(summa) FROM or_arved_read oar WHERE oar.number=oe.arve AND oar.kmkood =
oe.kmk) AS DECIMAL(15,2)),0)
    ELSE CAST((oe.summa / (1 + @stat_vat / 100)) AS DECIMAL(15,2)) -
isnull(CAST((SELECT SUM(summa) FROM or_arved_read oar WHERE
oar.number=oe.arve AND oar.kmkood = oe.kmk) AS DECIMAL(15,2)),0)
  END) AS doc_sum,
(CASE
  WHEN ((ISNULL((SELECT TOP 1 reverse_rate FROM @pvn11_vat_codes WHERE
code = oe.kmk), 0)) != 0)
    THEN CAST(oe.summa * ((ISNULL((SELECT TOP 1 reverse_rate FROM
@pvn11_vat_codes WHERE code = oe.kmk), 0)) / 100) AS DECIMAL(15,2))
    -
    isnull(CAST((SELECT SUM(summa) * (ISNULL((SELECT TOP 1 reverse_rate
FROM @pvn11_vat_codes WHERE code = oe.kmk),0)/100) FROM or_arved_read oar
WHERE oar.number=oe.arve AND oar.kmkood = oe.kmk) AS DECIMAL(15,2)),0)
    ELSE isnull(CAST((oe.summa / (1 + @stat_vat / 100) * (@stat_vat /
100)) AS DECIMAL(15,2)),0)
    -
    isnull(CAST((SELECT (SUM(summa) * (1 + @stat_vat / 100)) FROM
or_arved_read oar WHERE oar.number=oe.arve AND oar.kmkood = oe.kmk) AS
DECIMAL(15,2)),0)
  END) AS doc_vat,
  REPLACE(CONVERT(VARCHAR, (SELECT kande_aeg FROM or_arved WHERE
NUMBER=oe.arve), 111), '/', '-') AS doc_date,
  0
FROM or_arved_ettemaksud oae
WHERE (SELECT kande_aeg FROM or_arved oa WHERE oa.number=oe.arve) BETWEEN
@aeg1 AND @aeg2 AND kmk IN (SELECT code FROM @pvn11_vat_codes)
INSERT INTO @pvn1_1_temp --expenses
/*SELECT
  (SELECT TOP 1 dar_veids FROM @pvn11_vat_codes vc WHERE vc.code =
fkr.kmkood) AS dar_veids,
  (SELECT TOP 1 do_limit FROM @pvn11_vat_codes vc WHERE vc.code =
fkr.kmkood) AS do_limit,
  '9',
  CAST(fk.number AS nvarchar(30)) AS doc_nr,
  CAST(fkr.dokument AS nvarchar(30)) AS client_doc_nr,
  CAST(fkr.kmkood AS nvarchar(30)) AS vat_code,
  CAST(fkr.hankija_nimi AS nvarchar(30)) AS client_name,
  CAST((SELECT TOP 1 kmregnr FROM hankijad WHERE
hankijad.kood=fkr.hankija_kood) AS nvarchar(30)) AS vat_reg_nr,
  CAST(ISNULL(fkr.summa, 0) * ISNULL(fkr.r_kurss, 1) AS decimal(15,2)) AS
doc_sum,
  (CASE WHEN (ISNULL((SELECT TOP 1 reverse_rate FROM @pvn11_vat_codes
WHERE code=fkr.kmkood),0) != 0)
    THEN

```

```

        cast(CAST(ISNULL(fkr.summa, 0) * (ISNULL((SELECT TOP 1 reverse_rate
FROM @pvn11_vat_codes WHERE code = fkr.kmkood),0) / 100) *
ISNULL(fkr.r_kurss, 1) AS decimal(15,2)) * (-1) as decimal(15,2))
    ELSE
        cast(CAST(ISNULL(fkr.reakm, 0) * ISNULL(fkr.r_kurss, 1) AS
decimal(15,2)) * (-1) as decimal(15,2))
    END) AS doc_vat,
    REPLACE(CONVERT(VARCHAR, fkr.aeg, 111), '/', '-') AS doc_date,
    0
FROM fin_kulutused fk, fin_kulutused_read fkr WITH (NOLOCK)
WHERE CAST(fk.kande_aeg AS date) BETWEEN CAST(@aeg1 AS date) AND
CAST(@aeg2 AS date)
AND (fk.kinnitatud='True')
AND (fk.number=fkr.number)
AND (EXISTS(SELECT 1 FROM @pvn11_vat_codes WHERE code = fkr.kmkood))*/

SELECT
    (SELECT TOP 1 dar_veids FROM @pvn11_vat_codes vc WHERE vc.code =
fkr.kmkood) AS dar_veids,
    (SELECT TOP 1 do_limit FROM @pvn11_vat_codes vc WHERE vc.code =
fkr.kmkood) AS do_limit,
    '8',
    CAST(fkr.dokument AS nvarchar(30)) AS client_doc_nr,
    CAST(fkr.number AS nvarchar(30)) AS doc_nr,
    CAST(fkr.kmkood AS nvarchar(30)) AS vat_code,
    CAST(fkr.hankija_nimi AS nvarchar(30)) AS client_name,
    CAST((SELECT kmregnr FROM hankijad WHERE kood=fkr.hankija_kood) AS
nvarchar(30)),

    (CASE
        WHEN ((ISNULL((SELECT TOP 1 reverse_rate FROM @pvn11_vat_codes WHERE
code = fkr.kmkood), 0)) != 0)
            THEN
                CAST(fkr.summa * isnull(fkr.r_kurss,isnull(fk.kurssbv1,1))
AS DECIMAL(15,4))
            WHEN
                ((ISNULL((SELECT TOP 1 reverse_rate FROM @pvn11_vat_codes WHERE
code = fkr.kmkood), 0)) = 0 AND (ISNULL((SELECT TOP 1 proportion FROM
@pvn11_vat_codes WHERE code = fkr.kmkood), 0)) = 0)
                    THEN
                        CAST(fkr.summa * isnull(fkr.r_kurss,isnull(fk.kurssbv1,1)) AS
DECIMAL(15,4))
                    WHEN ((ISNULL((SELECT TOP 1 proportion FROM @pvn11_vat_codes WHERE
code = fkr.kmkood), 0)) != 0)
                        THEN
                            CAST((fkr.a_summa *
isnull(fkr.r_kurss,isnull(fk.kurssbv1,1))) * (ISNULL((SELECT TOP 1
proportion FROM @pvn11_vat_codes WHERE code = fkr.kmkood), 0) / 100) AS
DECIMAL(15,4))

```

```

    END) AS doc_sum_wo_vat,
    (CASE
        WHEN ((ISNULL((SELECT TOP 1 reverse_rate FROM @pvn11_vat_codes WHERE
code = fkr.kmkood), 0)) != 0)
            THEN
                CAST(
                    ((fkr.summa) *
isnull(fkr.r_kurss,isnull(fk.kurssbv1,1))) *
                    ((ISNULL((SELECT TOP 1 reverse_rate FROM
@pvn11_vat_codes WHERE code = fkr.kmkood), 0)) / 100) AS DECIMAL(15,4))
                    -- isnull(cast((select sum(summa) * (ISNULL((SELECT TOP 1
reverse_rate FROM @pvn11_vat_codes WHERE code = fkr2.kmk),0)/100) from
fin_kulutused_read fkr2 where fkr.number=oe.arve and oar.kmkood = oae.kmk)
as decimal(15,2)),0)
                WHEN
                    ((ISNULL((SELECT TOP 1 reverse_rate FROM @pvn11_vat_codes WHERE
code = fkr.kmkood), 0)) = 0 AND (ISNULL((SELECT TOP 1 proportion FROM
@pvn11_vat_codes WHERE code = fkr.kmkood), 0)) = 0)
                        THEN
                            --CAST((fkr.summa * isnull(fk.kurssbv1,1)) * ((ISNULL((SELECT
TOP 1 rate FROM @pvn11_vat_codes WHERE code = fkr.kmkood), 0)) / 100) AS
decimal(15,4))
                            CAST(reakm AS DECIMAL(15,4))
                            WHEN ((ISNULL((SELECT TOP 1 proportion FROM @pvn11_vat_codes WHERE
code = fkr.kmkood), 0)) != 0)
                                THEN
                                    CAST((fkr.reakm *isnull(fkr.r_kurss,isnull(fk.kurssbv1,1)))
/* ((ISNULL((SELECT TOP 1 rate FROM @pvn11_vat_codes WHERE
code = fkr.kmkood), 0)) / 100) * (ISNULL((SELECT TOP 1 proportion FROM
@pvn11_vat_codes WHERE code = fkr.kmkood), 0) / 100) */ AS DECIMAL(15,4))
                                END),
                            CAST(isnull(fkr.aeg,fk.aeg) AS DATE),
                            '0'
FROM fin_kulutused_read fkr WITH(nolock)
LEFT JOIN fin_kulutused fk ON fk.number=fkr.number
WHERE
    CAST(isnull(fkr.aeg,fk.aeg) AS DATE) BETWEEN CAST(@aeg1 AS DATE) AND
CAST(@aeg2 AS DATE)
    AND fkr.kmkood IN (SELECT code FROM @pvn11_vat_codes)
    AND (kinnitatud='True')

```

```

INSERT @pvn1_1_values_by_doc

```

```

SELECT
    ROW_NUMBER() OVER(ORDER BY dar_veids, do_limit, dok_veids, doc_nr,
vat_code, client_name, vat_reg_nr, doc_date,directo_nr,vatc_prepayment) nr
    , dar_veids
    , do_limit
    , CASE WHEN (dok_veids = '9' OR dok_veids = '8') THEN '3' ELSE
dok_veids END
    , doc_nr
    , directo_nr
    , vat_code
    , client_name
    , isnull(vat_reg_nr, ' ')
        , CASE
            WHEN (dok_veids!='9')
            THEN SUM(doc_sum)
            ELSE
            (CASE
                WHEN
                    (SUM(doc_sum) < 0 )
                    THEN 0
                ELSE
                    SUM(doc_sum) * (-1) END)
            END -
            CASE WHEN (dok_veids!='3')
            THEN (
                CASE
                    WHEN (ISNULL((SELECT reverse_rate FROM
@pvn11_vat_codes WHERE CODE=A.vat_code),0))!=0)
                    THEN
                        CAST(ISNULL(vatc_prepayment,0) AS
DECIMAL(15,4))
                    WHEN (ISNULL((SELECT reverse_rate FROM
@pvn11_vat_codes WHERE CODE=A.vat_code),0))=0)
                    THEN
                        isnull(CAST(vatc_prepayment / CAST(1
+ (SELECT TOP 1 (ilmakm / 100) FROM fin_kmkoodid WHERE kood=a.vat_code) AS
DECIMAL(15,4)) AS DECIMAL(15,4)),0)
                END
            )
            ELSE
            0
            END
        , CASE
            WHEN (dok_veids!='9' OR dok_veids='8')
            THEN SUM(doc_vat)
            ELSE
            (CASE WHEN (SUM(doc_vat) < 0 ) THEN 0 ELSE
SUM(doc_vat)*(-1) END)
            END -
            CASE
                WHEN (dok_veids!='3')

```

```

                THEN (
                    CASE
                        WHEN (ISNULL((SELECT reverse_rate FROM
@pvn11_vat_codes WHERE CODE=A.vat_code),0))!=0)
                            THEN
                                isnull((CAST((vatc_prepayment *
CAST((0 + (SELECT POORD / 100 FROM fin_kmkoodid WHERE kood=a.vat_code)) AS
DECIMAL(15,4))) AS DECIMAL(15,4)) ),0)
                            WHEN (ISNULL((SELECT reverse_rate FROM
@pvn11_vat_codes WHERE CODE=A.vat_code),0)=0)
                                THEN
                                    isnull((CAST(vatc_prepayment -
(vatc_prepayment / CAST(1+ (SELECT ilmakm / 100 FROM fin_kmkoodid WHERE
kood=a.vat_code) AS DECIMAL(15,4))) AS DECIMAL(15,4)) ),0)
                                END
                            )
                        ELSE
                            0
                        END
                    , doc_date
                ,
                CASE
                    WHEN (a.dok_veids='1')
                        THEN
                            (SELECT SUM(doc_sum) FROM @pvn1_1_temp b WHERE
a.directo_nr=b.directo_nr AND b.dok_veids=a.dok_veids)
                        ELSE
                            (SELECT SUM(doc_sum) FROM @pvn1_1_temp b WHERE
a.directo_nr=b.directo_nr AND b.dok_veids=a.dok_veids AND a.doc_nr=b.doc_nr)
                        END
                -
                CASE
                    WHEN (a.dok_veids='1')
                        THEN
                            (isnull((SELECT SUM(summa) FROM
or_arved_ettemaksud WHERE arve=a.directo_nr AND kmk IN (SELECT DISTINCT
kmkood FROM or_arved_read WHERE NUMBER=a.directo_nr)),0))
                        ELSE
                            0
                    END
                , vatc_prepayment
FROM @pvn1_1_temp a GROUP BY dar_veids, do_limit, dok_veids, doc_nr,
vat_code, client_name, vat_reg_nr, doc_date,directo_nr, vatc_prepayment

--update @pvn1_1_values_by_doc set dar_veids = 'N' where vat_reg_nr = ' '
--update @pvn1_1_values_by_doc set dok_veids = '4' where doc_sum < 0 and
dok_veids = '1'

INSERT @pvn_1_1_totals

```

```

SELECT SUM(doc_sum), SUM(doc_vat) FROM @pvn1_1_values_by_doc
INSERT @pvn1_1_sums_supplier
SELECT
    isnull(vat_reg_nr, ' ')
    , SUM(doc_sum)
    , SUM(doc_vat)
FROM @pvn1_1_values_by_doc
WHERE isnull(vat_reg_nr, ' ')!=''
GROUP BY vat_reg_nr

INSERT @pvn1_1_top_table
SELECT
    dar_veids
    , do_limit
    , dok_veids
    , doc_nr
    , directo_nr
    , vat_code
    , client_name
    , vat_reg_nr
    , doc_sum
    , doc_vat
    , doc_date
    , rn
FROM @pvn1_1_values_by_doc
WHERE (doc_sum_total >= @lim OR doc_sum_total <= (@lim * (-1)))
GROUP BY dar_veids, do_limit, dok_veids, doc_nr, vat_code, client_name,
vat_reg_nr, doc_date, doc_sum_total, doc_sum, doc_vat, directo_nr, rn

DELETE FROM @pvn1_1_values_by_doc WHERE rn IN (SELECT rn FROM
@pvn1_1_top_table)

INSERT @pvn1_1_top_r_table
SELECT
    dar_veids
    , do_limit
    , dok_veids
    , doc_nr
    , directo_nr
    , vat_code
    , client_name
    , vat_reg_nr
    , doc_sum
    , doc_vat
    , doc_date
    , rn
FROM @pvn1_1_values_by_doc
WHERE (dar_veids IN ('R1', 'R2', 'R3', 'R4', 'R5', 'R6', 'R7', 'R8', 'R9') OR
dar_veids IN (SELECT dar_veids FROM @pvn11_vat_codes WHERE
SUBSTRING(do_limit,1,1)='N' AND SUBSTRING(dar_veids,1,1)!='R'))
AND directo_nr+'('+dar_veids+')'+[''+dok_veids+''] NOT IN (SELECT

```

```

directo_nr+'('+dar_veids+')'+[''+dok_veids+']' FROM @pvn1_1_top_table)
GROUP BY dar_veids, do_limit, dok_veids, doc_nr, vat_code, client_name,
vat_reg_nr, doc_date, doc_sum_total, doc_sum, doc_vat,directo_nr,rn

--select * from @pvn11_vat_codes
DELETE FROM @pvn1_1_values_by_doc WHERE rn IN (SELECT rn FROM
@pvn1_1_top_r_table)

INSERT @pvn_1_1_v_totals
SELECT
    'V'
    , CAST((SELECT TOP 1 SUBSTRING(NIMI,1,30) FROM hankijad Y WHERE
Y.KMREGNR=Z.vat_reg_nr) AS NVARCHAR(30))
    , vat_reg_nr
    , CAST(doc_sum - CAST(isnull((SELECT SUM(doc_sum) FROM
@pvn1_1_top_table x WHERE x.vat_reg_nr=z.vat_reg_nr),0) AS DECIMAL(15,4)) -
CAST(isnull((SELECT SUM(doc_sum) FROM @pvn1_1_top_r_table u WHERE
u.vat_reg_nr=z.vat_reg_nr),0) AS DECIMAL(15,4)) AS DECIMAL(15,4))
    , CAST(CAST(doc_vat AS DECIMAL(15,2)) -
CAST(isnull((SELECT SUM(doc_vat) FROM @pvn1_1_top_table x WHERE
x.vat_reg_nr=z.vat_reg_nr),0) AS DECIMAL(15,2)) - CAST(isnull((SELECT
SUM(CAST(doc_vat AS DECIMAL(15,2))) FROM @pvn1_1_top_r_table u WHERE
u.vat_reg_nr=z.vat_reg_nr),0) AS DECIMAL(15,2)) AS DECIMAL(15,2))
FROM @pvn1_1_sums_supplier z
WHERE (doc_sum >= @lim OR doc_sum <= (@lim * (-1)))
AND CAST(doc_sum - isnull((SELECT SUM(doc_sum) FROM @pvn1_1_top_table x
WHERE x.vat_reg_nr=z.vat_reg_nr),0) - isnull((SELECT SUM(doc_sum) FROM
@pvn1_1_top_r_table u WHERE u.vat_reg_nr=z.vat_reg_nr),0) AS DECIMAL(15,4))
<> 0
AND vat_reg_nr!='')

INSERT @pvn_1_1_v_totals2
SELECT 'V', client_name, vat_reg_nr, doc_sum, doc_vat FROM @pvn_1_1_v_totals
WHERE (doc_sum >= @lim OR doc_sum <= (@lim * (-1)))
DELETE FROM @pvn1_1_values_by_doc WHERE vat_reg_nr IN (SELECT vat_reg_nr
FROM @pvn_1_1_v_totals2)
INSERT @pvn_1_1_t_totals
SELECT
    CAST(SUM(doc_sum) AS DECIMAL(15,4))
    , CAST(SUM(doc_vat) AS DECIMAL(15,4))
    , ''
FROM @pvn1_1_values_by_doc z

/*
select
    cast(sum(doc_sum * (-1)) as decimal(15,4))
    , cast(sum(doc_vat * (-1)) as decimal(15,4))
from @pvn1_1_values_by_doc z
where (doc_sum between (@lim * (-1)) and @lim)
and vat_reg_nr not in (select vat_reg_nr from @pvn1_1_sums_supplier where

```

```

(doc_sum >= @lim or doc_sum <= (@lim * (-1))) and isnull(vat_reg_nr, '')!='')
and dar_veids not in ('R1', 'R2', 'R3', 'R4', 'R5', 'R6', 'R7', 'R8', 'R9')
UNION
select
        cast(sum(doc_sum) as decimal(15,4))
        ,   cast(sum(doc_vat) as decimal(15,4))
from @pvn1_1_values_by_doc z
where (doc_sum between (@lim * (-1)) and @lim)
and vat_reg_nr not in (select vat_reg_nr from @pvn1_1_sums_supplier where
(doc_sum >= @lim or doc_sum <= (@lim * (-1))) and isnull(vat_reg_nr, '')!='')
UNION
select
        cast(sum(doc_sum) as decimal(15,4))
        ,   cast(sum(doc_vat) as decimal(15,4))
from @pvn1_1_values_by_doc z
where (doc_sum between (@lim * (-1)) and @lim)
and (vat_reg_nr in (select vat_reg_nr from @pvn1_1_sums_supplier where
(doc_sum >= @lim or doc_sum <= (@lim * (-1))) and isnull(vat_reg_nr, '')!='')
and vat_reg_nr not in (select vat_reg_nr from @pvn_1_1_v_totals2 where
isnull(vat_reg_nr, '')=''))
and dar_veids not in ('R1', 'R2', 'R3', 'R4', 'R5', 'R6', 'R7', 'R8', 'R9')
UNION
select
        cast(sum(doc_sum) as decimal(15,4))
        ,   cast(sum(doc_vat) as decimal(15,4))
from @pvn1_1_values_by_doc z
where (doc_sum between (@lim * (-1)) and @lim)
and vat_reg_nr not in (select vat_reg_nr from @pvn1_1_sums_supplier where
(doc_sum >= @lim or doc_sum <= (@lim * (-1))) and
isnull(vat_reg_nr, '')='')*/

```

```

-----
----- 1-2 -----
-----

```

```

DECLARE @pvn12_vat_codes TABLE

```

```

(
  code nvarchar(30),
  rate DECIMAL,
  reverse_rate DECIMAL,
  proportion DECIMAL,
  description nvarchar(200),
  sales_account nvarchar(30),
  purchase_account nvarchar(30),
  info nvarchar(200),
  dar_veids nvarchar(5),
  do_limit VARCHAR(2)
)

```

```

INSERT INTO @pvn12_vat_codes
  SELECT kood, ilmakm, poord, or_proportsioon, seletus, myykkonto,

```

```
ostuKMKonto, lisainfo,
    CAST(ISNULL((SELECT TOP 1 sisu FROM yld_data yd WITH (NOLOCK) WHERE
yd.kaart=fk.kood AND kood='DARTIPS1_2' AND klass='kmk'), 'G') AS
nvarchar(10)) AS dar_veids,
    CAST(ISNULL((SELECT TOP 1 sisu FROM yld_data yd WITH (NOLOCK) WHERE
yd.kaart=fk.kood AND kood='LIMITS' AND klass='kmk'), 'Ja') AS VARCHAR(2)) AS
do_limit
FROM fin_kmkoodid fk
WHERE lisainfo LIKE '%pvn12%'

DECLARE @pvn12_currencies TABLE (currency nvarchar(3))
INSERT INTO @pvn12_currencies (currency)
SELECT DISTINCT kood FROM curr_rates

--pvn12 main table
DECLARE @pvn12_main_table TABLE
(
    dar_veids nvarchar(5),
    do_limit VARCHAR(2),
    doc_nr nvarchar(30),
    client_doc_nr nvarchar(30),
    vat_code nvarchar(30),
    directo_table nvarchar(30),
    doc_type nvarchar(30),
    client_name nvarchar(30),
    vat_reg_nr nvarchar(30),
    country_code nvarchar(2),
    doc_sum DECIMAL(15,2),
    doc_vat DECIMAL(15,2),
    rate DECIMAL(28,18),
    currency nvarchar(30),
    alt_rate DECIMAL(28, 18),
    alt_currency nvarchar(30),
    alt_doc_currency_sum nvarchar(30),
    doc_date nvarchar(30)
)

--pvn12 temp table
DECLARE @pvn12_temp_table TABLE
(
    dar_veids nvarchar(5),
    do_limit VARCHAR(2),
    doc_nr nvarchar(30),
    client_doc_nr nvarchar(30),
    vat_code nvarchar(30),
    directo_table nvarchar(30),
    doc_type nvarchar(30),
    client_name nvarchar(30),
    vat_reg_nr nvarchar(30),
    country_code nvarchar(2),
    doc_sum DECIMAL(15,4),
```

```

doc_vat DECIMAL(15,4),
rate DECIMAL(28,18),
currency nvarchar(30),
alt_rate DECIMAL(28, 18),
alt_currency nvarchar(30),
alt_doc_currency_sum nvarchar(30),
doc_date nvarchar(30),
vat_c_prepayment DECIMAL
)

INSERT INTO @pvn12_temp_table --purchase invoices - temp
SELECT
    (SELECT TOP 1 dar_veids FROM @pvn12_vat_codes vc WHERE vc.code
=oar.kmkood) AS dar_veids,
    '' AS do_limit,
    CAST(oa.number AS nvarchar(30)) AS doc_nr,
    CAST(oa.hankija_arve AS nvarchar(30)) AS client_doc_nr,
    CAST(oar.kmkood AS nvarchar(30)) AS vat_code,
    'purchase_invoice' AS directo_table,
    CAST(oa.tyyp AS nvarchar(30)) AS doc_type,
    CAST(oa.hankija_nimi AS nvarchar(30)) AS client_name,
    CAST((SELECT TOP 1 kmregnr FROM hankijad WHERE
hankijad.kood=oa.hankija_kood) AS nvarchar(30)) AS vat_reg_nr,
    '--' AS country_code,
    CAST(((SELECT SUM(summa) FROM or_arved_read WHERE NUMBER=oar.number
AND kmkood=oar.kmkood) * ISNULL(oa.kurssbv1,1)) AS DECIMAL(15,4)) AS
doc_sum,
    (CASE
        WHEN ((ISNULL((SELECT TOP 1 reverse_rate FROM @pvn12_vat_codes
WHERE code = oar.kmkood), 0)) != 0)
        THEN CAST((SELECT SUM(summa) FROM or_arved_read WHERE
NUMBER=oar.number AND kmkood=oar.kmkood) * ISNULL(oa.kurssbv1, 1) *
((ISNULL((SELECT TOP 1 reverse_rate FROM @pvn12_vat_codes WHERE code =
oar.kmkood), 0)) / 100) AS DECIMAL(15,4))
        ELSE CAST((SELECT SUM(summa) FROM or_arved_read WHERE
NUMBER=oar.number AND
kmkood=oar.kmkood)*(@stat_vat/100)*ISNULL(oa.kurssbv1,1) AS DECIMAL(15,4))
        END) AS doc_vat,
    CAST(ISNULL(oa.kurssbv1,1) AS DECIMAL(28,18)) AS rate,
    CAST(oa.valuuta AS nvarchar(30)) AS currency,
    1 AS alt_rate,
    'EUR' AS alt_currency,
    CAST(oa.lisa_field7 AS nvarchar(30)) AS alt_doc_currency_sum,
    REPLACE(CONVERT(VARCHAR, oa.aeg, 111), '/', '-') AS doc_date,
    (SELECT SUM(summa) FROM or_arved_ettemaksud oae WHERE oae.arve=oa.number
AND oae.kmk=oar.kmkood)
    FROM or_arved_read oar, or_arved oa WITH (NOLOCK)
    WHERE CAST(oa.kande_aeg AS DATE) BETWEEN CAST(@aeg1 AS DATE) AND
CAST(@aeg2 AS DATE)
    AND (kinnitatud='True')
    AND (oa.number=oar.number)

```

```

    AND (EXISTS(SELECT 1 FROM @pvn12_vat_codes WHERE code = oar.kmkood))
UNION
SELECT
    (SELECT TOP 1 dar_veids FROM @pvn12_vat_codes vc WHERE vc.code =
otr.kmk) AS dar_veids,
    (SELECT TOP 1 do_limit FROM @pvn12_vat_codes vc WHERE vc.code = otr.kmk)
AS do_limit,
    CAST(isnull((SELECT hankija_arve FROM or_arved WHERE
NUMBER=otr.ostuarve),otr.number) AS nvarchar(30)) AS client_doc_nr,
    CAST(otr.number AS nvarchar(30)) AS client_doc_nr,

    CAST(otr.kmk AS nvarchar(30)) AS vat_code,
    'payments' AS directo_table,
    '' doc_type,
    CAST((SELECT CAST(nimi AS nvarchar(30)) FROM hankijad WITH (NOLOCK)
WHERE (hankijad.kood=otr.hankija_kood)) AS nvarchar(30)) AS client_name,
    CAST((SELECT CAST(kmregnr AS nvarchar(30)) FROM hankijad WITH (NOLOCK)
WHERE (hankijad.kood=otr.hankija_kood)) AS nvarchar(30)) AS vat_reg_nr,
    --CAST(otr.summa_p AS decimal(15,2)) AS doc_sum,
    --CAST((otr.summa_p * (@stat_vat / 100)) AS decimal(15,2)) AS doc_vat,
    '--' AS country_code,
    (CASE
        WHEN ((ISNULL((SELECT TOP 1 reverse_rate FROM @pvn12_vat_codes WHERE
code = otr.kmk), 0)) != 0)
            THEN CAST(otr.summa_p AS DECIMAL(15,2))
            ELSE CAST((otr.summa_p / (1 + @stat_vat / 100)) AS DECIMAL(15,2))
        END) AS doc_sum,
    (CASE
        WHEN ((ISNULL((SELECT TOP 1 reverse_rate FROM @pvn12_vat_codes WHERE
code = otr.kmk), 0)) != 0)
            THEN CAST(otr.summa_p * ((ISNULL((SELECT TOP 1 reverse_rate FROM
@pvn12_vat_codes WHERE code = otr.kmk), 0)) / 100) AS DECIMAL(15,2))
            ELSE CAST((otr.summa_p / (1 + @stat_vat / 100) * (@stat_vat / 100))
AS DECIMAL(15,2))
        END) AS doc_vat,
    CAST(ISNULL(otr.kurss_a,1) AS DECIMAL(28,18)) AS rate,
    CAST(otr.valuuta_a AS nvarchar(30)) AS currency,
    1 AS alt_rate,
    'EUR' AS alt_currency,
    '',--CAST(oa.lisa_field7 AS nvarchar(30)) AS alt_doc_currency_sum,
    REPLACE(CONVERT(VARCHAR, ot.aeg, 111), '/', '-') AS doc_date,
    0
FROM or_tasumised ot, or_tasumised_read otr WITH (NOLOCK)
WHERE CAST(ot.aeg AS DATE) BETWEEN CAST(@aeg1 AS DATE) AND CAST(@aeg2 AS
DATE)
    AND (ot.kinnitatud='True')
    AND (ot.number=otr.number)
    AND (EXISTS(SELECT 1 FROM @pvn12_vat_codes WHERE code = otr.kmk))
    AND isnull(otr.ostuarve, '')=''
UNION
SELECT

```

```

        (SELECT TOP 1 dar_veids FROM @pvn12_vat_codes vc WHERE vc.code
=oar.kmk) AS dar_veids,
        '' AS do_limit,
        CAST(oa.number AS nvarchar(30)) AS doc_nr,
        CAST(oa.hankija_arve AS nvarchar(30)) AS client_doc_nr,
        CAST(oar.kmk AS nvarchar(30)) AS vat_code,
        'prepayment' AS directo_table,
        CAST(oa.tyyp AS nvarchar(30)) AS doc_type,
        CAST(oa.hankija_nimi AS nvarchar(30)) AS client_name,
        CAST((SELECT TOP 1 kmregnr FROM hankijad WHERE
hankijad.kood=oa.hankija_kood) AS nvarchar(30)) AS vat_reg_nr,
        '--' AS country_code,
        CAST((oar.summa)*ISNULL(oa.kurssbv1,1) AS DECIMAL(15,4)) AS doc_sum,
        (CASE
            WHEN ((ISNULL((SELECT TOP 1 reverse_rate FROM @pvn12_vat_codes
WHERE code = oar.kmk), 0)) != 0)
            THEN CAST(oar.summa * ISNULL(oa.kurssbv1, 1) * ((ISNULL((SELECT
TOP 1 reverse_rate FROM @pvn12_vat_codes WHERE code = oar.kmk), 0)) / 100)
AS DECIMAL(15,4))
            ELSE CAST((oar.summa)*(@stat_vat/100)*ISNULL(oa.kurssbv1,1) AS
DECIMAL(15,4))
            END) AS doc_vat,
        CAST(ISNULL(oa.kurssbv1,1) AS DECIMAL(28,18)) AS rate,
        CAST(oa.valuuta AS nvarchar(30)) AS currency,
        1 AS alt_rate,
        'EUR' AS alt_currency,
        CAST(oa.lisa_field7 AS nvarchar(30)) AS alt_doc_currency_sum,
        REPLACE(CONVERT(VARCHAR, oa.aeg, 111), '/', '-') AS doc_date,
        0
    FROM or_arved_ettemaksud oar, or_arved oa WITH (NOLOCK)
    WHERE CAST(oa.kande_aeg AS DATE) BETWEEN CAST(@aeg1 AS DATE) AND
CAST(@aeg2 AS DATE)
        AND (oa.kinnitatud='True')
        AND (oa.number=oar.arve)
        AND (EXISTS(SELECT 1 FROM @pvn12_vat_codes WHERE code = oar.kmk))
/*
Select * from table a
left join table b on a.blabla=b.blable

Select * from table a , table b
Where tablea.blabla = tableb.blabla

*/
INSERT INTO @pvn12_main_table --purchase invoices - main
SELECT
        dar_veids
        , do_limit
        , doc_nr
        , client_doc_nr
        , '' AS vat_code
        , directo_table

```

```

,      doc_type
,      client_name
,      vat_reg_nr
,      country_code
,      CASE
      WHEN (directo_table='purchase_invoice')
      THEN SUM(doc_sum) - isnull((SELECT SUM(doc_sum) FROM
@pvn12_temp_table WHERE directo_table='prepayment' AND doc_nr=b.doc_nr),0)
      ELSE
      SUM(doc_sum)
      END
,      CASE
      WHEN (directo_table='purchase_invoice')
      THEN SUM(doc_vat) - isnull((SELECT SUM(doc_vat) FROM
@pvn12_temp_table WHERE directo_table='prepayment' AND doc_nr=b.doc_nr),0)
      ELSE
      SUM(doc_vat)
      END, rate, currency, alt_rate, alt_currency,
alt_doc_currency_sum, doc_date
FROM @pvn12_temp_table b
WHERE
--doc_sum > 0 or doc_sum < 0 or
directo_table NOT IN ('prepayment')
GROUP BY dar_veids, do_limit, doc_nr, client_doc_nr, directo_table,
doc_type, client_name, vat_reg_nr, country_code, rate, currency, alt_rate,
alt_currency, alt_doc_currency_sum, doc_date

```

```

INSERT INTO @pvn12_main_table --expenses

```

```

/*

```

```

SELECT
  '' AS dar_veids,
  '' AS do_limit,
  CAST(number AS nvarchar(30)) AS doc_nr,
  CAST((SELECT TOP 1 dokument FROM fin_kulutused_read WHERE
(fin_kulutused_read.number=fin_kulutused.number)) AS nvarchar(30)) AS
client_doc_nr,
  CAST((SELECT TOP 1 kmkood FROM fin_kulutused_read WHERE
(fin_kulutused_read.number=fin_kulutused.number)) AS nvarchar(30)) AS
vat_code,
  'expense' AS directo_table,
  'Fakturekins' AS doc_type,
  CAST((SELECT TOP 1 hankija_nimi FROM fin_kulutused_read WHERE

```

```

fin_kulutused_read.number=fin_kulutused.number) AS nvarchar(30)) AS
client_name,
    CAST((SELECT kmregnr FROM hankijad WHERE hankijad.kood=(SELECT TOP 1
hankija_kood FROM fin_kulutused_read WHERE
fin_kulutused_read.number=fin_kulutused.number)) AS nvarchar(30)) AS
vat_reg_nr,
    '--' AS country_code,
    CAST(summa*ISNULL(kurssbv1,1) AS decimal(15,2)) AS doc_sum,
    CAST(summa*(@stat_vat/100)*ISNULL(kurssbv1,1) AS decimal(15,2)) AS
doc_vat,
    CAST(ISNULL(kurssbv1,1) AS decimal(28,18)) AS rate,
    CAST(valuuta AS nvarchar(30)) AS currency,
    1 AS alt_rate,
    'EUR' AS alt_currency,
    CAST(lisa_field7 AS nvarchar(30)) AS alt_doc_currency_sum,
    REPLACE(CONVERT(VARCHAR, aeg, 111), '/', '-') AS doc_date
FROM fin_kulutused WITH (NOLOCK) WHERE CAST(aeg AS date) BETWEEN
CAST(@aeg1 AS date) AND CAST(@aeg2 AS date)
AND (kinnitatud='True')
AND (EXISTS(SELECT 1 FROM @pvn12_vat_codes WHERE code IN (SELECT kmkood
FROM fin_kulutused_read WHERE
(fin_kulutused_read.number=fin_kulutused.number))))
*/
SELECT
    (SELECT TOP 1 dar_veids FROM @pvn12_vat_codes vc WHERE vc.code =
fkr.kmkood) AS dar_veids,
    (SELECT TOP 1 do_limit FROM @pvn12_vat_codes vc WHERE vc.code =
fkr.kmkood) AS do_limit,
    CAST(fkr.number AS nvarchar(30)) AS doc_nr,
    CAST(fkr.dokument AS nvarchar(30)) AS client_doc_nr,
    CAST(fkr.kmkood AS nvarchar(30)) AS vat_code,
    'expense' AS directo_table,
    'Fakturrekins' AS doc_type,
    CAST(fkr.hankija_nimi AS nvarchar(30)) AS client_name,
    CAST((SELECT kmregnr FROM hankijad WHERE kood=fkr.hankija_kood) AS
nvarchar(30)),
    '--',
    CAST(fkr.summa * isnull(fkr.r_kurss,isnull(fk.kurssbv1,1)) AS
DECIMAL(15,2)),
    CAST((fkr.summa * (@stat_vat / 100)) * isnull(r_kurss,1) AS
DECIMAL(15,2)),
    CAST(isnull(fkr.r_kurss,isnull(fk.kurssbv1,1)) AS DECIMAL(28,18)),
    CAST(isnull(fkr.r_valuuta,isnull(fk.valuuta,'EUR')) AS
nvarchar(255)),
    1,
    'EUR',
    CAST(fk.lisa_field7 AS nvarchar(30)) AS alt_doc_currency_sum,
    REPLACE(CONVERT(VARCHAR, isnull(fkr.aeg,fk.aeg), 111), '/', '-') AS
doc_date
FROM fin_kulutused_read fkr WITH(nolock)
LEFT JOIN fin_kulutused fk ON fk.number=fkr.number

```

```
WHERE
    CAST(isnull(fkr.aeg, fk.aeg) AS DATE) BETWEEN CAST(@aeg1 AS DATE) AND
CAST(@aeg2 AS DATE)
    AND fkr.kmkood IN (SELECT code FROM @pvn12_vat_codes)
    AND (kinnitatud='True')

UPDATE @pvn12_main_table SET country_code = SUBSTRING(vat_reg_nr, 1, 2)

UPDATE @pvn12_main_table
SET alt_currency =
    (CASE
        WHEN country_code = 'BG' THEN 'BGN'
        WHEN country_code = 'CZ' THEN 'CZK'
        WHEN country_code = 'DK' THEN 'DKK'
        WHEN country_code = 'GB' THEN 'GBP'
        WHEN country_code = 'HU' THEN 'HUF'
        WHEN country_code = 'LT' AND CAST(doc_date AS DATE) <
CAST('2015.01.01' AS DATE) THEN 'LTL'
        WHEN country_code = 'PL' THEN 'PLN'
        WHEN country_code = 'RO' THEN 'RON'
        WHEN country_code = 'SE' THEN 'SEK'
        ELSE 'EUR' END)

UPDATE @pvn12_main_table
SET alt_rate =
    ISNULL((SELECT TOP 1 CAST(curr_rates.kurss1 AS DECIMAL(28,18))
FROM curr_rates
WHERE curr_rates.kood = alt_currency
    AND CAST(curr_rates.aeg AS DATE) <= DATEADD(DAY, -1, CAST(doc_date AS
DATE))
ORDER BY curr_rates.aeg DESC), 1)

UPDATE @pvn12_main_table SET dar_veids = (SELECT TOP 1 dar_veids FROM
@pvn12_vat_codes vc WHERE vc.code = vat_code) WHERE dar_veids IS NULL
UPDATE @pvn12_main_table SET do_limit = (SELECT TOP 1 do_limit FROM
@pvn12_vat_codes vc WHERE vc.code = vat_code)

-----
----- 1-3 -----
-----
--izveidojam PVN 13 kodu tabulu
DECLARE @pvn13_vat_codes TABLE
(
    code nvarchar(30),
    rate DECIMAL,
    description nvarchar(200),
    sales_account nvarchar(30),
    purchase_account nvarchar(30),
    info nvarchar(200),
    dar_veids nvarchar(5),
    do_limit VARCHAR(2)
```

```
)  
INSERT INTO @pvn13_vat_codes  
    SELECT kood, ilmakm, seletus, myykkonto, ostuKMkonto, lisainfo,  
        CAST(ISNULL((SELECT TOP 1 REPLACE(sisu, '_', '.') FROM yld_data yd WITH  
(NOLOCK) WHERE yd.kaart=fk.kood AND kood='DARTIPS1_3' AND klass='kmk'),  
'41') AS nvarchar(10)) AS dar_veids,  
        CAST(ISNULL((SELECT TOP 1 sisu FROM yld_data yd WITH (NOLOCK) WHERE  
yd.kaart=fk.kood AND kood='LIMITS' AND klass='kmk'), 'Ja') AS VARCHAR(2)) AS  
do_limit  
    FROM fin_kmkoodid fk  
    WHERE lisainfo LIKE '%pvn13%'
```

```
DECLARE @pvn1_3_temp TABLE  
(  
    dar_veids nvarchar(5),  
    do_limit VARCHAR(2),  
    dok_veids nvarchar(1),  
    doc_nr nvarchar(30),  
    vat_code nvarchar(30),  
    client_name nvarchar(30),  
    vat_reg_nr nvarchar(30),  
    doc_sum DECIMAL(15,4),  
    doc_vat DECIMAL(15,4),  
    doc_date nvarchar(30),  
    doc_sum_total DECIMAL(15,4),  
    vatc_prepayment DECIMAL(15,4)  
)
```

```
DECLARE @pvn1_3_values_by_doc TABLE  
(  
    dar_veids nvarchar(5),  
    do_limit VARCHAR(2),  
    dok_veids nvarchar(1),  
    doc_nr nvarchar(30),  
    vat_code nvarchar(30),  
    client_name nvarchar(30),  
    vat_reg_nr nvarchar(30),  
    doc_sum DECIMAL(15,4),  
    doc_vat DECIMAL(15,4),  
    doc_date nvarchar(30),  
    doc_sum_total DECIMAL(15,4),  
    vatc_prepayment DECIMAL(15,4),  
    rn INT  
)
```

```
DECLARE @pvn1_3_top_table TABLE  
(  
    dar_veids nvarchar(5),  
    do_limit VARCHAR(2),  
    dok_veids nvarchar(1),  
    doc_nr nvarchar(30),  
    vat_code nvarchar(30),
```

```
client_name nvarchar(30),
vat_reg_nr nvarchar(30),
doc_sum DECIMAL(15,4),
doc_vat DECIMAL(15,4),
doc_date nvarchar(30),
doc_sum_total DECIMAL(15,4),
vatc_prepayment DECIMAL(15,4),
rn INT
)
```

```
DECLARE @pvn1_3_top_tablex TABLE
```

```
(
dar_veids nvarchar(5),
do_limit VARCHAR(2),
dok_veids nvarchar(1),
doc_nr nvarchar(30),
vat_code nvarchar(30),
client_name nvarchar(30),
vat_reg_nr nvarchar(30),
doc_sum DECIMAL(15,4),
doc_vat DECIMAL(15,4),
doc_date nvarchar(30),
doc_sum_total DECIMAL(15,4),
vatc_prepayment DECIMAL(15,4),
rn INT
)
```

```
DECLARE @tdeals TABLE
```

```
(
dar_veids nvarchar(5),
do_limit VARCHAR(2),
dok_veids nvarchar(1),
doc_nr nvarchar(30),
vat_code nvarchar(30),
client_name nvarchar(30),
vat_reg_nr nvarchar(30),
doc_sum DECIMAL(15,4),
doc_vat DECIMAL(15,4),
doc_date nvarchar(30),
doc_sum_total DECIMAL(15,4),
vatc_prepayment DECIMAL(15,4),
rn INT
)
```

```
DECLARE @pvn1_3_top_sums_customer TABLE
```

```
(
```

```

    vat_reg_nr nvarchar(30),
    doc_sum DECIMAL(15,4),
    doc_vat DECIMAL(15,4)
)

DECLARE @pvn1_3_sums_customer TABLE
(
    vat_reg_nr nvarchar(30),
    doc_sum DECIMAL(15,4),
    doc_vat DECIMAL(15,4)
)

DECLARE @v_totals TABLE
(
    dok_veids nvarchar(32),
    client_name nvarchar(30),
    vat_reg_nr nvarchar(34),
    doc_sum DECIMAL(15,4),
    doc_vat DECIMAL(15,4)
)

DECLARE @x_totals TABLE
(
    dok_veids nvarchar(32),
    client_name nvarchar(30),
    vat_reg_nr nvarchar(32),
    doc_sum DECIMAL(15,4),
    doc_vat DECIMAL(15,4)
)

DECLARE @t_totals TABLE
(
    doc_sum DECIMAL(15,4),
    doc_vat DECIMAL(15,4)
)

--ielasam visas rēķina rindas kuras ir ar 1 - 3 atšifrējamajiem pvn kodiem

INSERT @pvn1_3_temp
SELECT
    (SELECT TOP 1 dar_veids FROM @pvn13_vat_codes vc WHERE vc.code =
mr_arved_read.kmk) AS dar_veids,
    (SELECT TOP 1 do_limit FROM @pvn13_vat_codes vc WHERE vc.code =
mr_arved_read.kmk) AS do_limit,
    CASE WHEN (isnull(ettemaks,0) = 0) THEN '1' ELSE '1' END AS dok_veids,
    mr_arved_read.number AS doc_nr,
    kmk AS vat_code,
    CAST((klient_nimi) AS nvarchar(30)) AS client_name,
    CASE WHEN (kmregnumber IS NOT NULL OR kmregnumber!=' ') THEN
kmregnumber ELSE (SELECT top 1 kmregnr FROM kliendid WHERE
kood=mr_arved.klient_kood)END AS vat_reg_nr,
    CAST((ROUND(ISNULL(summa, 0), 4)) AS DECIMAL(15,4)) AS doc_sum,
    isnull(CAST((ROUND(ISNULL(summa, 0), 4) * (NULLIF((ISNULL((SELECT TOP
1 rate FROM @pvn13_vat_codes WHERE code = mr_arved_read.kmk), 0) / 100),

```

```

0))) AS DECIMAL(15,4)), '0.00') AS doc_vat,
    REPLACE(CONVERT(VARCHAR, aeg, 111), '/', '-') AS doc_date
    ,(SELECT SUM(summa) FROM mr_arved_read mar1 WHERE
mar1.number=mr_arved_read.number AND kmk IN (SELECT code FROM
@pvn13_vat_codes))
    ,(SELECT SUM(summa) FROM mr_arved_ettemaksud mae WHERE
mae.arve=mr_arved_read.number AND mae.kmk=mr_arved_read.kmk)
    FROM mr_arved_read WITH (NOLOCK) INNER JOIN mr_arved ON
mr_arved_read.number=mr_arved.number
    WHERE
        CAST(aeg AS DATE) BETWEEN CAST(@aeg1 AS DATE) AND CAST(@aeg2 AS DATE)
        AND (kinnitatud = 1)
        AND kmk IN (SELECT code FROM @pvn13_vat_codes)
        AND artikkel IS NOT NULL
        AND mr_arved.kokku >=0

INSERT @pvn1_3_temp
    SELECT
        (SELECT TOP 1 dar_veids FROM @pvn13_vat_codes vc WHERE vc.code =
mlr.kmk) AS dar_veids,
        (SELECT TOP 1 do_limit FROM @pvn13_vat_codes vc WHERE vc.code =
mlr.kmk) AS do_limit,
        '3' AS dok_veids,
        CAST(ml.number AS nvarchar(30)) AS doc_nr,
        CAST(mlr.kmk AS nvarchar(30)) AS vat_code,
        CAST((SELECT TOP 1 nimi FROM kliendid WITH (NOLOCK) WHERE
(kliendid.kood=mlr.klient_kood)) AS nvarchar(30)) AS client_name,
        CAST((SELECT TOP 1 kmregnr FROM kliendid WITH (NOLOCK) WHERE
(kliendid.kood=mlr.klient_kood)) AS nvarchar(30)) AS vat_reg_nr,
        CAST((ROUND(mlr.tasuti,2)/((ISNULL((SELECT TOP 1 rate FROM
@pvn13_vat_codes WHERE code=mlr.kmk),0)/100)+1)) AS DECIMAL(15,4)) AS
doc_sum,
        CAST(((ROUND(mlr.tasuti,2)/((ISNULL((SELECT TOP 1 rate FROM
@pvn13_vat_codes WHERE code=mlr.kmk),0)/100)+1))*((ISNULL((SELECT TOP 1 rate
FROM @pvn13_vat_codes WHERE code=mlr.kmk),0)/100)) AS DECIMAL(15,4)) AS
doc_vat,
        REPLACE(CONVERT(VARCHAR, ml.aeg, 111), '/', '-') AS doc_date,
        CAST((ROUND(mlr.tasuti,2)/((ISNULL((SELECT TOP 1 rate FROM
@pvn13_vat_codes WHERE code=mlr.kmk),0)/100)+1)) AS DECIMAL(15,4)),
        0
    FROM mr_laekumised ml, mr_laekumised_read mlr WITH (NOLOCK)
    WHERE CAST(ml.aeg AS DATE) BETWEEN CAST(@aeg1 AS DATE) AND CAST(@aeg2 AS
DATE)
    AND (ml.kinnitatud='True')
    AND (ml.number=mlr.number)
    AND mlr.kmk IN (SELECT code FROM @pvn13_vat_codes)
    AND ((ISNULL(NULLIF(mlr.ettemaks,0),0) != 0) OR
((ISNULL(NULLIF(mlr.arvenumber,0),0) = 0)))

INSERT @pvn1_3_values_by_doc
    SELECT
        dar_veids

```

```

, do_limit
, dok_veids
, doc_nr
, vat_code
, client_name
, isnull(vat_reg_nr, ' ')
, SUM(doc_sum) - CASE WHEN (dok_veids!='3') THEN (isnull((SELECT
CAST(summa / CAST(1 + (SELECT ilmakm / 100 FROM fin_kmkoodid WHERE
kood=mae.kmk) AS DECIMAL(15,4)) AS DECIMAL(15,4)) FROM mr_arved_ettemaksud
mae WHERE mae.arve=pvn13temp.doc_nr AND mae.kmk=pvn13temp.vat_code),0))
ELSE 0 END
, SUM(doc_vat) - CASE WHEN (dok_veids!='3') THEN (isnull((SELECT
CAST(summa - (summa / CAST(1 + (SELECT ilmakm / 100 FROM fin_kmkoodid WHERE
kood=mae.kmk) AS DECIMAL(15,4))) AS DECIMAL(15,4)) FROM mr_arved_ettemaksud
mae WHERE mae.arve=pvn13temp.doc_nr AND mae.kmk=pvn13temp.vat_code),0)) ELSE
0 END
, doc_date
, doc_sum_total
, vatc_prepayment
, ROW_NUMBER() OVER(ORDER BY dar_veids, do_limit, dok_veids,
doc_nr, vat_code, client_name, vat_reg_nr, doc_date, doc_sum_total,
vatc_prepayment) nr
FROM @pvn1_3_temp pvn13temp GROUP BY dar_veids, do_limit, dok_veids, doc_nr,
vat_code, client_name, vat_reg_nr, doc_date, doc_sum_total, vatc_prepayment
INSERT @pvn1_3_sums_customer
SELECT
isnull(vat_reg_nr, ' ')
, SUM(doc_sum)
, SUM(doc_vat)
FROM @pvn1_3_values_by_doc
WHERE isnull(vat_reg_nr, '')!=''
GROUP BY vat_reg_nr

--delete from @pvn1_3_temp where dok_veids in ('1','Z')
--only for anvol
DECLARE @fin_kanded_read TABLE
(
sum_wo_vat DECIMAL(15,4),
vat_sum DECIMAL(15,4)
)
INSERT @fin_kanded_read
SELECT
0, SUM(
CASE
WHEN (baas1deebet < 0) THEN (baas1deebet * (-1))
WHEN (baas1kreedid > 0) THEN (baas1kreedid)
END
) - SUM(
CASE
WHEN (baas1deebet > 0) THEN (baas1deebet)
WHEN (baas1kreedid < 0) THEN (baas1kreedid * (-1))

```

```

        END
    ) FROM fin_kanded_read WHERE tyyp='fin' AND CAST(r_aeg AS DATE)
BETWEEN CAST(@aeg1 AS DATE) AND CAST(@aeg2 AS DATE) AND konto IN
('5721','57210') AND kmkood IN ('1','16')
UNION
SELECT
    SUM(
        CASE
            WHEN (baasldeebet < 0) THEN (baasldeebet * (-1))
            WHEN (baaslkreedit > 0) THEN (baaslkreedit)
            END
    ) - SUM(
        CASE
            WHEN (baasldeebet > 0) THEN (baasldeebet)
            WHEN (baaslkreedit < 0) THEN (baaslkreedit * (-1))
            END
    ),0 FROM fin_kanded_read WHERE tyyp='fin' AND CAST(r_aeg AS DATE)
BETWEEN CAST(@aeg1 AS DATE) AND CAST(@aeg2 AS DATE) AND
SUBSTRING(CONVERT(nvarchar(32),konto),1,1)='6' AND kmkood IN ('16','1')
DECLARE @pvn1_3tots TABLE
(
doc_sum DECIMAL(15,4),
doc_vat DECIMAL(15,4)
)
INSERT @pvn1_3tots
SELECT CAST(SUM(doc_sum) + (SELECT SUM(sum_wo_vat) FROM @fin_kanded_read) AS
DECIMAL(15,4)) AS sum_total, CAST(SUM(doc_vat) + (SELECT SUM(vat_sum) FROM
@fin_kanded_read) AS DECIMAL(15,4)) AS vat_total
FROM @pvn1_3_values_by_doc
INSERT @pvn1_3_top_table
SELECT
    dar_veids
    , do_limit
    , dok_veids
    , doc_nr
    , vat_code
    , client_name
    , vat_reg_nr
    , doc_sum
    , doc_vat
    , doc_date
    , doc_sum_total
    , vatc_prepayment
    , rn
FROM @pvn1_3_values_by_doc
WHERE (doc_sum_total >= @lim OR doc_sum_total <= (@lim * (-1))) AND
doc_sum<>0 AND isnull(vat_reg_nr,'')!=''
GROUP BY dar_veids, do_limit, dok_veids, doc_nr, vat_code, client_name,
vat_reg_nr, doc_date, doc_sum_total, doc_sum, doc_vat, vatc_prepayment, rn

DELETE FROM @pvn1_3_values_by_doc WHERE rn IN (SELECT rn FROM

```

```

@pvn1_3_top_table)

INSERT @pvn1_3_top_tablex
SELECT
    dar_veids
    , do_limit
    , dok_veids
    , doc_nr
    , vat_code
    , client_name
    , vat_reg_nr
    , doc_sum
    , doc_vat
    , doc_date
    , doc_sum_total
    , vatc_prepayment
    , rn
FROM @pvn1_3_values_by_doc
WHERE (doc_sum_total >= @lim OR doc_sum_total <= (@lim * (-1))) AND
isnull(vat_reg_nr, '')=''
GROUP BY dar_veids, do_limit, dok_veids, doc_nr, vat_code, client_name,
vat_reg_nr, doc_date, doc_sum_total, doc_sum, doc_vat, vatc_prepayment, rn
DELETE FROM @pvn1_3_values_by_doc WHERE rn IN (SELECT rn FROM
@pvn1_3_top_tablex)
INSERT @pvn1_3_top_sums_customer
SELECT
    vat_reg_nr
    , SUM(doc_sum)
    , SUM(doc_vat)
FROM @pvn1_3_top_table
GROUP BY vat_reg_nr
INSERT @v_totals
SELECT
    'V'
    , CAST((SELECT TOP 1 SUBSTRING(NIMI,1,30) FROM KLIENDID Y WHERE
Y.KMREGNR=Z.vat_reg_nr) AS NVARCHAR(30))
    , vat_reg_nr
    , CAST(doc_sum - isnull((SELECT top 1 doc_sum FROM
@pvn1_3_top_sums_customer x WHERE x.vat_reg_nr=z.vat_reg_nr),0) AS
DECIMAL(15,4))
    , CAST(doc_vat - isnull((SELECT top 1 doc_vat FROM
@pvn1_3_top_sums_customer x WHERE x.vat_reg_nr=z.vat_reg_nr),0) AS
DECIMAL(15,4))
FROM @pvn1_3_sums_customer z
WHERE (doc_sum >= @lim OR doc_sum <= (@lim * (-1)))
AND CAST(doc_sum - isnull((SELECT top 1 doc_sum FROM
@pvn1_3_top_sums_customer x WHERE x.vat_reg_nr=z.vat_reg_nr),0) AS
DECIMAL(15,4)) > 0
AND isnull(vat_reg_nr, '')!=''
DELETE FROM @pvn1_3_values_by_doc WHERE vat_reg_nr IN (SELECT vat_reg_nr

```

```

FROM @v_totals)

INSERT @tdeals
SELECT
    dar_veids
    , do_limit
    , dok_veids
    , doc_nr
    , vat_code
    , client_name
    , vat_reg_nr
    , doc_sum
    , doc_vat
    , doc_date
    , doc_sum_total
    , vatc_prepayment
    , rn
FROM @pvn1_3_values_by_doc
WHERE (doc_sum BETWEEN (@lim * (-1)) AND @lim) AND isnull(vat_reg_nr, '') != ''
GROUP BY dar_veids, do_limit, dok_veids, doc_nr, vat_code, client_name,
vat_reg_nr, doc_date, doc_sum_total, doc_sum, doc_vat, vatc_prepayment, rn
UNION
SELECT
    dar_veids
    , do_limit
    , dok_veids
    , doc_nr
    , vat_code
    , client_name
    , vat_reg_nr
    , doc_sum
    , doc_vat
    , doc_date
    , doc_sum_total
    , vatc_prepayment
    , rn
FROM @pvn1_3_values_by_doc
WHERE (doc_sum BETWEEN (@lim * (-1)) AND @lim) AND isnull(vat_reg_nr, '') = ''
GROUP BY dar_veids, do_limit, dok_veids, doc_nr, vat_code, client_name,
vat_reg_nr, doc_date, doc_sum_total, doc_sum, doc_vat, vatc_prepayment, rn
DELETE FROM @pvn1_3_values_by_doc WHERE rn IN (SELECT rn FROM @tdeals)
INSERT @t_totals
SELECT
    CAST(SUM(doc_sum) AS DECIMAL(15,4))
    , CAST(SUM(doc_vat) AS DECIMAL(15,4))
FROM @tdeals z

INSERT @x_totals
SELECT

```



```

    (SELECT TOP 1 kmregnr FROM kliendid, mr_arved WHERE
(kliendid.kood=mr_arved.klient_kood) AND
(mr_arved.number=mr_arved_read.number)) AS vat_reg_nr,
    number AS doc_nr,
    CAST(kmk AS nvarchar(30)) AS vat_code,
    ISNULL(summa,0)*(SELECT ISNULL(kurssbv1,1) FROM mr_arved WITH (NOLOCK)
WHERE mr_arved.number=mr_arved_read.number) AS article_sum
FROM mr_arved_read WITH (NOLOCK)
WHERE (SELECT CAST(aeg AS date) FROM mr_arved WITH (NOLOCK) WHERE
mr_arved.number=mr_arved_read.number) BETWEEN CAST(@aeg1 AS date) AND
CAST(@aeg2 AS date)
AND ((SELECT kinnitatud FROM mr_arved WITH (NOLOCK) WHERE
mr_arved.number=mr_arved_read.number)=1)
AND (EXISTS(SELECT 1 FROM @pvn21_vat_codes WHERE code = kmk))
*/
SELECT
    DISTINCT
        (SELECT dar_veids FROM @pvn21_vat_codes WHERE code=kmk),
        (SELECT do_limit FROM @pvn21_vat_codes WHERE code=kmk),
        SUBSTRING(isnull((SELECT TOP 1 kmregnr FROM kliendid WHERE
(kliendid.kood=(SELECT klient_kood FROM mr_arved WHERE
mr_arved.number=mar.number))), ''),1,30),
        mar.number,
        mar.kmk,
        CAST(SUM(summa) * (SELECT ISNULL(kurssbv1,1) FROM mr_arved WITH
(NOLOCK) WHERE mr_arved.number=mar.number) AS DECIMAL(15,4))
FROM mr_arved_read mar
WHERE (SELECT CAST(aeg AS DATE) FROM mr_arved WITH (NOLOCK) WHERE
mr_arved.number=mar.number) BETWEEN CAST(@aeg1 AS DATE) AND CAST(@aeg2 AS
DATE)
AND ((SELECT kinnitatud FROM mr_arved WITH (NOLOCK) WHERE
mr_arved.number=mar.number)=1)
AND (EXISTS(SELECT 1 FROM @pvn21_vat_codes WHERE code = kmk))
AND kmk IN (SELECT code FROM @pvn21_vat_codes)
GROUP BY NUMBER, kmk
UNION
SELECT
        (SELECT dar_veids FROM @pvn21_vat_codes WHERE code=mlr.kmk),
        (SELECT do_limit FROM @pvn21_vat_codes WHERE code=mlr.kmk),
        SUBSTRING(isnull((SELECT TOP 1 kmregnr FROM kliendid WHERE
(kliendid.kood=mlr.klient_kood))), ''),1,30),
        mlr.number,
        mlr.kmk,
        CAST(SUM(summa_p) * (ISNULL(kurss_p,1)) AS DECIMAL(15,4))
FROM mr_laekumised_read mlr
LEFT JOIN mr_laekumised ml ON ml.number=mlr.number
WHERE CAST(ml.aeg AS DATE) BETWEEN CAST(@aeg1 AS DATE) AND CAST(@aeg2 AS
DATE)
AND isnull(ml.kinnitatud,0)=1
AND mlr.kmk IN (SELECT code FROM @pvn21_vat_codes)
GROUP BY mlr.number,mlr.kmk, mlr.klient_kood, mlr.summa_p,mlr.kurss_p

```

```
--UPDATE @invoices SET pazime = (SELECT TOP 1 dar_veids FROM
@pvn21_vat_codes vc WHERE vc.code = vat_code)
--UPDATE @invoices SET do_limit = (SELECT TOP 1 do_limit FROM
@pvn21_vat_codes vc WHERE vc.code = vat_code)

DECLARE @invoices_grouped TABLE (pazime nvarchar(1), vat_reg_nr
nvarchar(30), doc_nr nvarchar(30), article_sum DECIMAL(15,2))
INSERT INTO @invoices_grouped (pazime, vat_reg_nr, doc_nr, article_sum)
SELECT pazime, vat_reg_nr, doc_nr, SUM(article_sum) FROM @invoices GROUP
BY vat_reg_nr, pazime, doc_nr

--xml out
SELECT
(
SELECT @aeg1 AS date1, @aeg2 AS date2, CURRENT_TIMESTAMP AS date_now
FOR XML PATH('dates'), TYPE, ELEMENTS
),
(
SELECT * FROM @pvn11_vat_codes
FOR XML PATH('code'),TYPE, ELEMENTS
) AS [pvn11_vat_codes],
(
SELECT * FROM @pvn12_vat_codes
FOR XML PATH('code'),TYPE, ELEMENTS
) AS [pvn12_vat_codes],
(
SELECT * FROM @pvn13_vat_codes
FOR XML PATH('code'),TYPE, ELEMENTS
) AS [pvn13_vat_codes],
(
SELECT * FROM @pvn21_vat_codes
FOR XML PATH('code'),TYPE, ELEMENTS
) AS [pvn21_vat_codes],
(
SELECT @vat_declar_name AS vat_declar_name, @stat_vat AS stat_vat, @lim AS
lim, @account AS account
FOR XML PATH('filters'),TYPE, ELEMENTS
),
(
SELECT setting AS name,
(SELECT setting FROM settings WHERE id='firma_kmnr') AS vat_reg_nr,
(SELECT setting FROM settings WHERE id='firma_regnr') AS reg_nr,
(SELECT setting FROM settings WHERE id='firma_telefon') AS tel,
(SELECT setting FROM settings WHERE id='firma_faks') AS fax,
(SELECT setting FROM settings WHERE id='firma_address') AS address1,
(SELECT setting FROM settings WHERE id='firma_address2') AS address2,
(SELECT setting FROM settings WHERE id='firma_address3') AS address3,
(SELECT setting FROM settings WHERE id='firma_tegevusaaddress') AS
biz_address1,
```

```

    (SELECT setting FROM settings WHERE id='firma_tegevusaaddress2') AS
biz_address2,
    (SELECT setting FROM settings WHERE id='firma_tegevusaaddress3') AS
biz_address3,
    (SELECT setting FROM settings WHERE id='firma_pank') AS bank,
    (SELECT setting FROM settings WHERE id='firma_swift') AS bank_swift,
    (SELECT setting FROM settings WHERE id='firma_aa') AS account,
    (SELECT setting FROM settings WHERE id='firma_iban') AS iban,
    (SELECT setting FROM settings WHERE id='firma_juht') AS head
FROM settings WHERE id='firma_nimi'
FOR XML PATH('company_info'), TYPE, ELEMENTS
),
(
    SELECT * FROM @vat_declar_sums
    FOR XML PATH('vat_declar_sum'), TYPE, ELEMENTS
) AS [vat_declar_totals],
( --pvn11
    SELECT dar_veids, do_limit, doc_nr, doc_nr AS client_doc_nr, vat_code,
dok_veids AS TYPE, client_name, vat_reg_nr, doc_sum AS SUM, doc_vat AS vat,
doc_date AS DATE, rn
    FROM @pvn1_1_top_table
WHERE (doc_sum <> 0 OR doc_vat <> 0)
    FOR XML PATH('doc'), TYPE, ELEMENTS
) AS [pvn11_docs_above],
(
    SELECT dar_veids, do_limit, doc_nr, doc_nr AS client_doc_nr, vat_code,
dok_veids AS TYPE, client_name, vat_reg_nr, doc_sum AS SUM, doc_vat AS vat,
doc_date AS DATE
    FROM @pvn1_1_top_r_table
WHERE (doc_sum <> 0 OR doc_vat <> 0)
    FOR XML PATH('doc'), TYPE, ELEMENTS
) AS [pvn11_docs_above],
(
    SELECT 'V' AS dar_veids, '' AS do_limit, '' AS doc_nr, '' AS
client_doc_nr, '' AS vat_code, client_name, vat_reg_nr, doc_sum AS SUM,
doc_vat AS vat, '' AS doc_date
    FROM @pvn_1_1_v_totals2
    FOR XML PATH('doc'), TYPE, ELEMENTS
) AS [pvn11_docs_above],
(
    SELECT CAST(SUM(doc_sum) AS DECIMAL(15,2)) AS sum_total, CAST(SUM(doc_vat)
AS DECIMAL(15,2)) AS vat_total
    FROM @pvn_1_1_t_totals FOR XML PATH('pvn11_totals_below'), TYPE, ELEMENTS
),
(
    SELECT doc_sum AS sum_total, doc_vat AS vat_total
    FROM @pvn_1_1_totals
    FOR XML PATH('pvn11_totals'), TYPE, ELEMENTS
),

```

```

/*
(
  SELECT CAST(SUM((doc_sum) * (-1)) AS decimal(15,2)) AS sum_total,
  CAST(SUM((doc_vat) * (-1)) AS decimal(15,2)) AS vat_total
  FROM @pvn13_main_table_11
  FOR XML PATH('pvn11_totals'), TYPE, ELEMENTS
),--/pvn11 */
( --pvn12
  SELECT dar_veids, do_limit, doc_nr, client_doc_nr, vat_code,
  directo_table, doc_type AS TYPE, client_name, vat_reg_nr, country_code,
  doc_sum AS SUM, doc_vat AS vat, rate, currency, alt_rate, alt_currency,
  alt_doc_currency_sum, doc_date AS DATE
  FROM @pvn12_main_table
  WHERE (doc_sum <> 0)
  FOR XML PATH('doc'), TYPE, ELEMENTS
) AS [pvn12_docs],
(
  SELECT CAST(SUM(doc_sum) AS DECIMAL(15,2)) AS sum_total, CAST(SUM(doc_vat)
AS DECIMAL(15,2)) AS vat_total
  FROM @pvn12_main_table
  FOR XML PATH('pvn12_totals'), TYPE, ELEMENTS
),
( -- rates
  SELECT currency, (SELECT TOP 1 CAST(kurss1 AS DECIMAL(28,18)) AS rate, aeg
AS DATE FROM curr_rates WHERE kood=currency ORDER BY aeg DESC FOR XML
PATH(''),TYPE)
  FROM @pvn12_currencies
  FOR XML PATH('rate'), TYPE, ELEMENTS
) AS [pvn12_currency_rates], --/pvn12
( --pvn13
  SELECT dar_veids, do_limit, dok_veids, doc_nr, vat_code, client_name,
  vat_reg_nr, doc_sum AS SUM, doc_vat AS vat, doc_date AS DATE
  FROM @pvn1_3_top_table
  FOR XML PATH('doc'), TYPE, ELEMENTS
) AS [pvn13_docs_above],

(
  SELECT dok_veids, client_name, vat_reg_nr, doc_sum AS SUM, doc_vat AS vat
  FROM @v_totals
  FOR XML PATH('doc'), TYPE, ELEMENTS
) AS [pvn13_docs_above],
(
  SELECT dok_veids, client_name, vat_reg_nr, doc_sum AS SUM, doc_vat AS vat
  FROM @x_totals
  FOR XML PATH('doc'), TYPE, ELEMENTS
) AS [pvn13_docs_above],
(
  SELECT isnull(SUM(doc_sum),0) + (SELECT SUM(sum_wo_vat) FROM
@fin_kanded_read) AS sum_total, isnull(SUM(doc_vat),0) + (SELECT
SUM(vat_sum) FROM @fin_kanded_read) AS vat_total
  FROM @t_totals

```

```

FOR XML PATH('pvn13_totals_below'), TYPE, ELEMENTS
),
(
SELECT CAST(SUM(doc_sum) AS DECIMAL(15,2)) AS sum_total, CAST(SUM(doc_vat)
AS DECIMAL(15,2)) AS vat_total
FROM @pvn1_3tots
FOR XML PATH('pvn13_totals'), TYPE, ELEMENTS
), --/pvn13
/*
(
SELECT dok_veids, client_name, vat_reg_nr, sum(doc_sum) AS sum,
sum(doc_vat) AS vat
FROM @pvn13_sums_above_table where dok_veids!='T' group by dok_veids,
client_name, vat_reg_nr
FOR XML PATH('doc'), TYPE, ELEMENTS
) AS [pvn13_docs_above],
(
SELECT CAST(SUM(doc_sum) AS decimal(15,2)) AS sum_total, CAST(SUM(doc_vat)
AS decimal(15,2)) AS vat_total
FROM @pvn13_sums_above_table m where dok_veids='T'
FOR XML PATH('pvn13_totals_below'), TYPE, ELEMENTS
),
(
SELECT CAST((SUM(toptabledoc)) AS decimal(15,2)) AS sum_total,
CAST(SUM(toptablevat) AS decimal(15,2)) AS vat_total
FROM @pvn13sums
FOR XML PATH('pvn13_totals'), TYPE, ELEMENTS
),*/ --/pvn13
( --pvn21
SELECT pazime, vat_reg_nr, CAST(SUM(article_sum) AS DECIMAL(15,2)) AS SUM
FROM @invoices_grouped
GROUP BY vat_reg_nr, pazime
FOR XML PATH('doc'), TYPE, ELEMENTS
) AS [pvn21_docs],
(
SELECT CAST(SUM(article_sum) AS DECIMAL(15,2)) AS sum_total
FROM @invoices_grouped
FOR XML PATH('pvn21_totals'), TYPE, ELEMENTS
) --/pvn21
FOR XML PATH('document'), TYPE, ELEMENTS

```

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Last update: **2020/10/01 15:30**

