№1

1-й способ:

SELECT

t.nazv AS tovar,

ifnull(k1.nazv, 'Неизвестно') AS mat,

ifnull(k2.nazv, 'Неизвестно') AS color

FROM tov\_list t

LEFT JOIN kat2 k2 ON t.kat2 = k2.id

LEFT JOIN kat1 k1 ON t.kat1 = k1.id

WHERE color != 'Синий';

2-й способ (Если нужна информация только товаров с полным описанием):

SELECT

t.id,

t.nazv AS tovar,

k1.nazv AS mat,

k2.nazv AS color

FROM tov\_list t

INNER JOIN kat2 k2 ON t.kat2 = k2.id

INNER JOIN kat1 k1 ON t.kat1 = k1.id

WHERE color != 'Синий';

№2

CASE

WHEN Var1 = 0 THEN ‘Общее'

WHEN Var1 = 1 and Var2 = 1 THEN ‘Иванов'

WHEN Var1 = 1 and Var2 = 2 THEN ‘Смирнов'

WHEN Var1 = 1 and Var2 = 4 THEN ‘Жуков'

WHEN Var1 = 1 and Var2 = 5 THEN ‘Жаринов'

WHEN Var2 = -1 THEN ‘Сидорчук’

WHEN Var1 = 1 and Var2 > 1 THEN ‘Менеджер'

WHEN Var1 = 2 and Var2 = -1 THEN ‘Участок'

ELSE ‘прочее’

END OtvSotrud

1-й способ:

WITH Fillers AS

(

SELECT \* FROM Rates

UNION ALL

SELECT DATEADD(DAY,1,Report\_date), Ccy\_code, CCy\_rate

FROM Fillers e

WHERE NOT EXISTS (select \* from Rates e2 WHERE e2.Report\_date = DATEADD(DAY,1,e.Report\_date)) AND

EXISTS (SELECT \* FROM Rates e3 WHERE e3.Report\_date > e.Report\_date)

);

SELECT t.Client\_id, t.Report\_date, t.Txn\_amount \* f.CCy\_rate AS usd\_amount

FROM Transactions t

INNER JOIN Fillers f oON t.Report\_date = f.Report\_date

WHERE f.Ccy\_code = 840;

2-й способ:

SELECT Client\_id, Report\_date, sum\_usd

FROM

(

SELECT

Client\_id,

t.Report\_date,

t.Txn\_amount\*r.Ccy\_rate AS usd\_amount,

ROW\_NUMBER() OVER (PARTITION BY t.Report\_date ORDER BY r.Report\_date DESC) AS ROW\_NUM

FROM Transactions t

JOIN Rates r

ON r.Report\_date <= t.Report\_date

WHERE Ccy\_code = 840

) AS Trans

WHERE ROW\_NUM = 1

Задание 2:

ALTER TABLE VSP\_oper\_data

ALTER COLUMN Txn\_type NVARCHAR(MAX)

GO

WITH X AS

(

SELECT \*,

COALESCE(SUM(Txn\_amount)

OVER ( PARTITION BY 'debit' ORDER BY Client\_id,Txn\_type

ROWS between UNBOUNDED PRECEDING and CURRENT ROW), 0) AS Debit\_amount FROM VSP\_oper\_data

WHERE Txn\_type = 'debit'

),

I AS

(

SELECT \*,

COALESCE(SUM(Txn\_amount)

OVER ( PARTITION BY 'credit' ORDER BY Client\_id,Txn\_type

ROWS between UNBOUNDED PRECEDING and CURRENT ROW), 0) AS credit\_amount FROM VSP\_oper\_data

WHERE Txn\_type = 'credit'

),

XI AS

(

SELECT I.Client\_id, credit\_amount, Debit\_amount

FROM I JOIN X ON I.Client\_id = X.Client\_id

)

SELECT DISTINCT

VSP\_oper\_data.Client\_id,

MAX(MONTH(Report\_date)) AS Report\_date,

credit\_amount, Debit\_amount,

VSP\_oper\_data.VSP\_Number AS Last\_VSP

FROM VSP\_oper\_data JOIN XI ON VSP\_oper\_data.Client\_id = XI.Client\_id

WHERE VSP\_oper\_data.VSP\_Number IN

(

SELECT

VSP\_Number

FROM VSP\_oper\_data

WHERE Report\_date IN

(

SELECT DISTINCT TOP 1 Report\_date

FROM VSP\_oper\_data

)

)

GROUP BY VSP\_oper\_data.Client\_id, XI.credit\_amount, XI.Debit\_amount,