Задача 1

Select trans.Client\_id, trans.Report\_date, trans.sum\_amount \* rate.CCy\_rate as sum\_amount\_USD

From

(

Select Client\_id, Report\_date, sum(Txn\_amount) as sum\_amount,

From Transactions

Group by Client\_id, Report\_date

) trans

Inner Join rate

On case

When DAY(trans.Report\_date)=6 then trans.Report\_date - 1

When DAY(trans.Report\_date)=7 then trans.Report\_date - 2

Else trans.Report\_date

End = rate.Report\_date

Where rate.Ccy\_code=840

Задача 2

Select tabl1.Client\_id, tabl1.Report\_date, tabl1.Debit\_amount, tabl1.Credit\_amount, tabl1.Last\_VSP

From

(

client\_id,

max(report\_date) as Report\_date,

sum(case when txn\_type like ‘debit’ then txn\_amount end) as Debit\_amount,

sum(case when txn\_type lile ‘credit’ then txn\_amount end) as Credit\_amount

from VSP\_oper\_data

group by client\_id, year(report\_date), month(report\_date)

) tabl1

Inner join VSP\_oper\_data

On case

When client\_id = tabl1.client\_id and report\_date = tabl1.report\_date then

(

select top 1 VSP\_Number

from VSP\_oper\_data

oder by report\_date desc

) Last\_VSP

Задача 3

WITH CTE AS

(

Select client\_id, report\_date,

Sum(case when txn\_type like ‘debit’ then 1.0 end) over (partition by client\_id, year(report\_date), month(report\_date)) / sum(case when txn\_type like ‘debit’ then 1.0 end) over (partition by year(report\_date), month(report\_date)) as ratio,

Rn=tow\_number() over (partition by client\_id, year(report\_date), month(report\_date) over by report\_date desc)

From VSP\_over\_data

)

Select client\_id, report\_date, ratio

From cte

Where rn=1 and ratio !=0