Homework 3A

1)ALL

1a) SELECT lname, fname

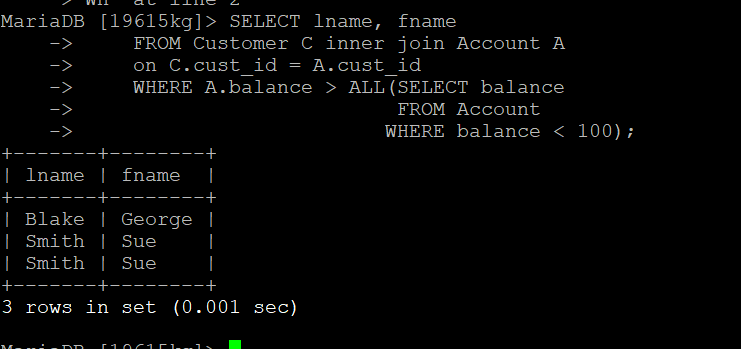
FROM Customer C inner join Account A

on C.cust\_id = A.cust\_id

WHERE A.balance > ALL(SELECT balance

FROM Account

WHERE balance < 100);



1b) SELECT product\_id

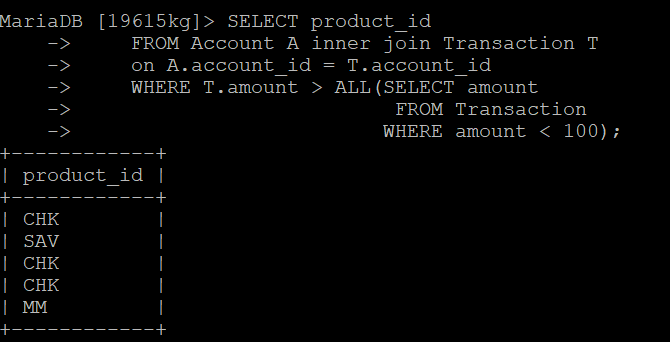
FROM Account A inner join Transaction T

on A.account\_id = T.account\_id

WHERE T.amount > ALL(SELECT amount

FROM Transaction

WHERE amount < 100);



2)IN

2a) SELECT \*

FROM Account A

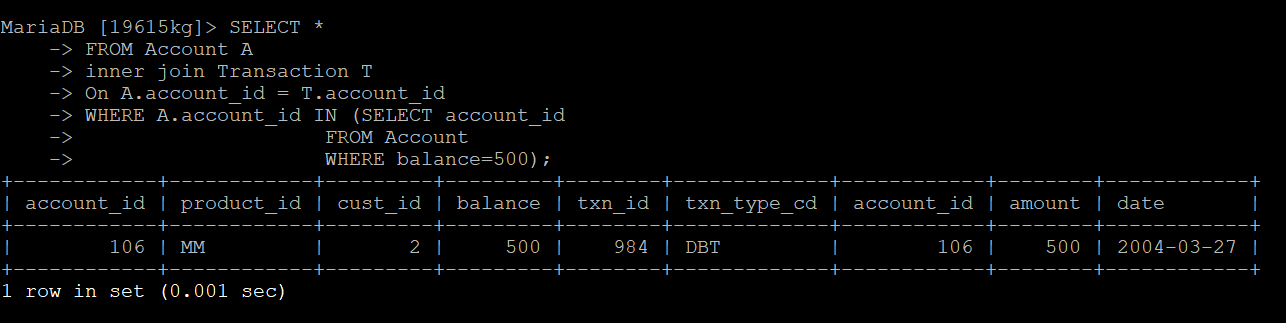
inner join Transaction T

On A.account\_id = T.account\_id

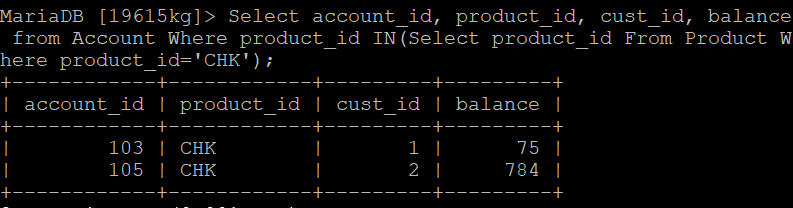
WHERE A.account\_id IN (SELECT account\_id

FROM Account

WHERE balance=500);



2b)Select account\_id, product\_id, cust\_id, balance from Account Where product\_id IN (Select product\_id From Product Where product\_id=’CHK’);



3)ANY

3a)Select \*

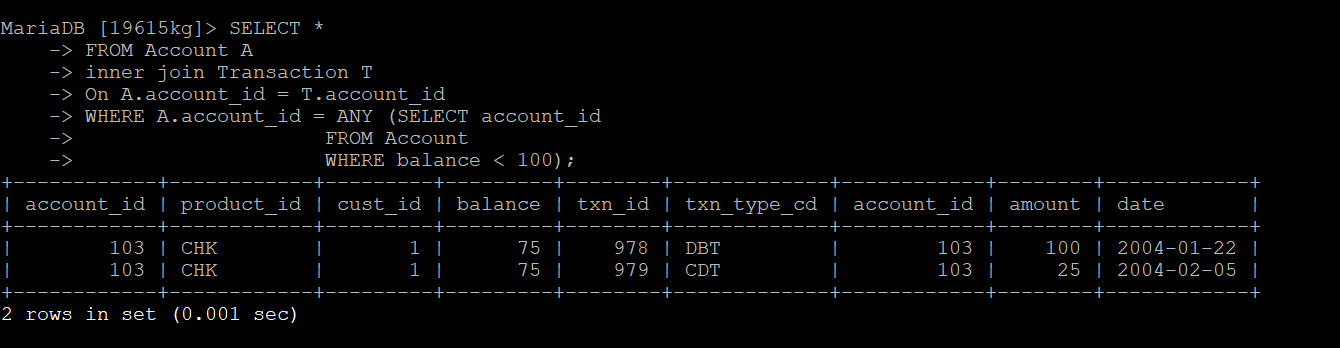
From Account A

Inner join Transaction T

On A.account\_id = ANY(Select account\_id

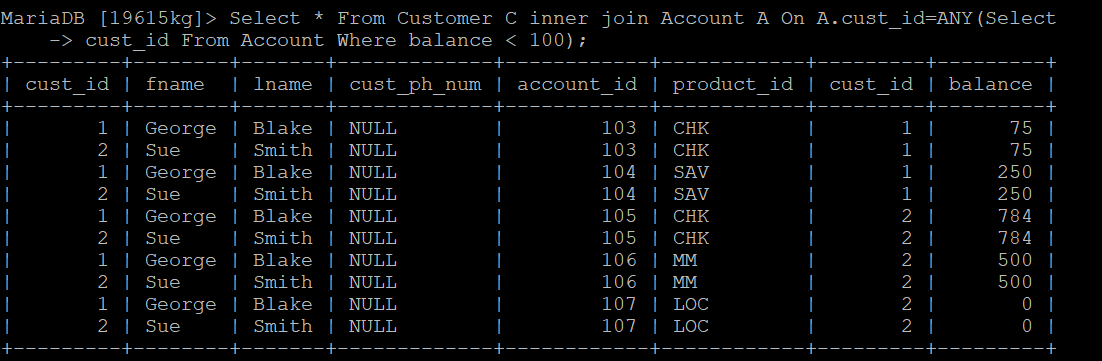
From Account

Where balance < 100);



3b)Select \* from Customer C inner join Account A

on A.cust\_id=ANY(Select cust\_id From Account Where balance < 100);



4)SOME

4a)Select \*

From Account A

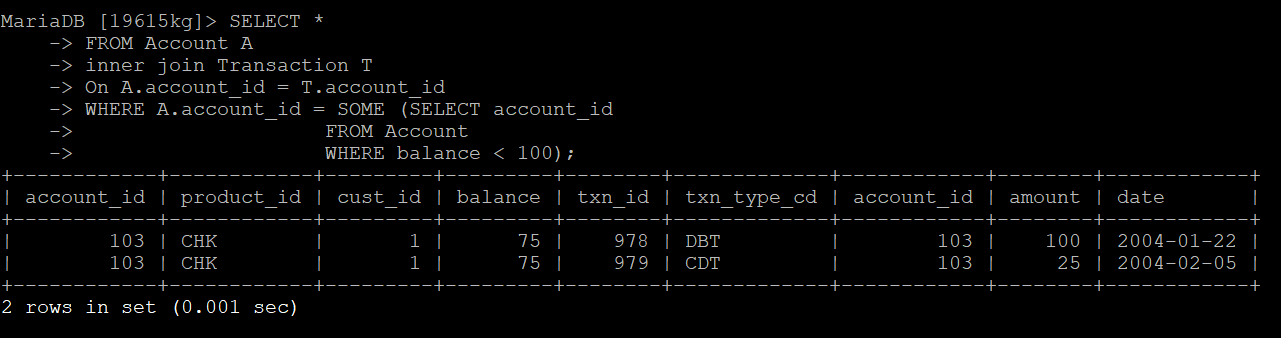
Inner join Transaction T

On A.account\_id = T.account\_id

WHERE A.account\_id = SOME(Select account\_id

From Account

Where balance < 100);

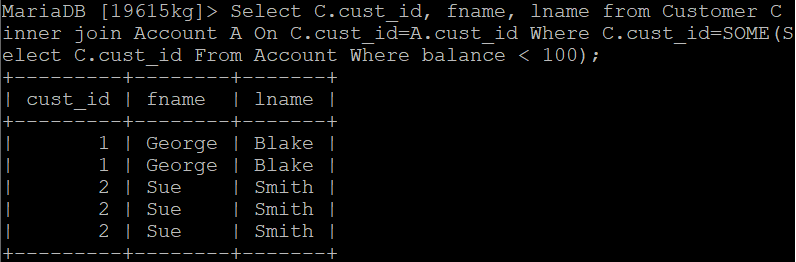


4b)Select C.cust\_id, fname, lname From Customer C

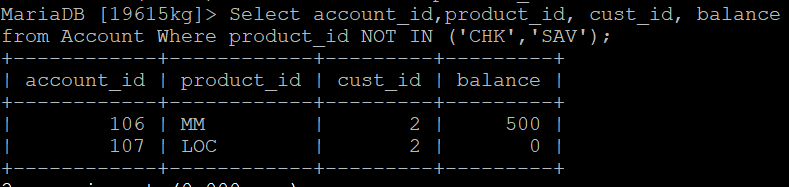
Inner join Account A On C.cust\_id = A.cust\_id

Where C.cust\_id Where C.cust\_id= SOME(Select C.cust\_id

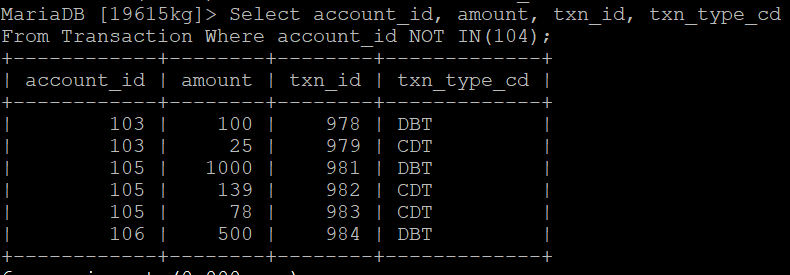
From Account Where balance < 100);



5) NOT IN 5a)Select account\_id, product\_id, cust\_id, balance from Account Where product\_id NOT IN (‘CHK’,’SAV’);



5b) Select account\_id, amount, txn\_id, txn\_type\_cd From Transaction Where account\_id NOT IN(104);



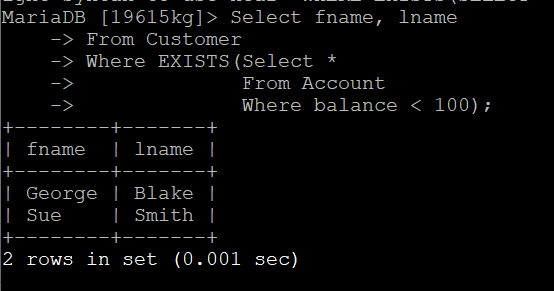
6)EXIST

6a) SELECT fname, lname

FROM Customer

WHERE EXISTS(SELECT \*

FROM Account

WHERE balance < 100);

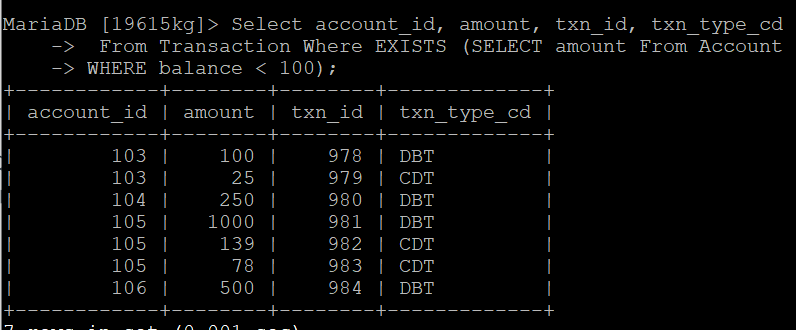
6b) SELECT account\_id, amount, txn\_id, txn\_type\_cd

FROM Transaction

WHERE EXISTS(SELECT amount

FROM Account

WHERE balance < 100);



7)NOT EXISTS

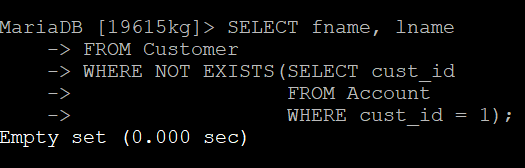
7a) Select fname, lname

From Customer

Where NOT EXISTS (Select cust\_id

From Account

WHERE cust\_id=1);



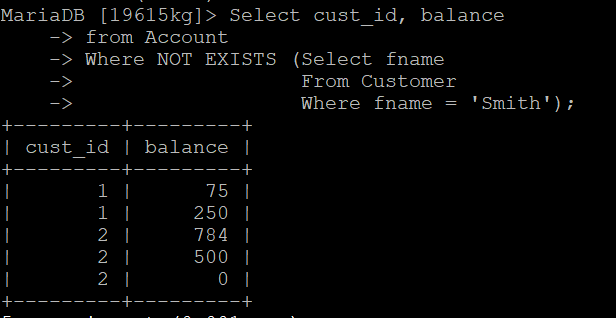
7b) Select cust\_id, balance

From Account

Where NOT EXISTS (Select fname

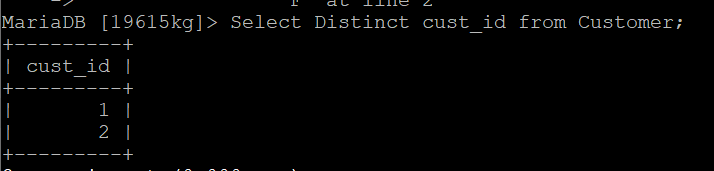
From Customer

WHERE fname=’Smith’);



9)DISTINCT

9a)Select Distinct cust\_id from Customer;



9b) Select Distinct account\_id from Account;

