Select customer.customer\_name, loan.loan\_number from customer, loan, borrower where borrower.customer\_id=customer.customer\_id and borrower.loan\_number= loan.loan\_number and loan.branch\_name= 'Downtown';

Select a.customer\_name as customer1, b.customer\_name as customer2,
 a.customer\_city from customer a,customer b where a.customer\_city=b.customer\_city
 and a.customer\_name!=b.customer\_name and a.customer\_id<br/>
 ;

```
'ariaDB [lab4]> Select a.customer_name as customer1, b.customer_name as customer2 , a.customer_city from customer a,cus
omer b where a.customer_city=b.customer_city and a.customer_name!=b.customer_name and a.customer_id<br/>b.customer_id ;
customer1 | customer2 | customer_citv
 Jones
            Hayes
                         Harrison
 Smith
             Curry
                         Rye
                         Pittsfield
 Lindsay
             Adams
 Turner
            Green
                         Stamford
 rows in set (0.032 sec)
```

 Select account.branch\_name, sum(account.balance \*0.04) as total\_interest from account group by account.branch\_name;

```
MariaDB [lab4]> Select account.branch_name, sum(account.balance ∗0.04) as total_interest from account group by account.b
ranch_name;h
 branch_name | total_interest |
 Brighton
                        66.00
 Downtown
                        20.00
 Mianus
                        28.00
 Perryridge
                        16.00
 Redwood
                        28.00
 Round Hill
                        14.00
 rows in set (0.004 sec)
```

4. Select a.account\_number,a.balance,b.branch\_city from account a inner join branch b on b.branch\_name = a.branch\_name where a.balance=( select max(c.balance) from account c inner join branch d on d.branch\_name = c.branch\_name and d.branch city=b.branch city) group by b.branch city;

 Select \* from (Select loan.loan\_number as loan\_number, loan.amount as amount,customer.customer\_name from loan,borrower,customer where borrower.loan\_number=loan.loan\_number and borrower.customer\_id=customer.customer\_id order by loan.amount desc limit 5) as r order by amount asc, loan\_number desc;

```
اariaDB [lab4]> Select * from (Select loan.loan_number as loan_number, loan.amount as amount,customer.customer_name from
loan,borrower,customer where borrower.loan_number=loan.loan_number and borrower.customer_id=customer.customer_id order
by loan.amount desc limit 5)as r order by amount asc, loan_number desc;
 loan_number | amount | customer_name
 L-17
                 1000
                        Jones
 L-16
                 1300
                        Adams
 L-15
                 1500
                        Haves
 L-14
                 1500
                        Johnson
                        Smith
 L-23
                 2000
 rows in set (0.001 sec)
```

Select customer.customer\_name from customer, loan, borrower, account where loan.branch\_name=account.branch\_name and loan.loan\_number=borrower.loan\_number and borrower.customer\_id=customer.customer\_id and account.branch\_name='Perryridge' and loan.branch\_name='Perryridge' group by account.branch\_name;

7. Select sum(loan.amount)as from customer.customer name, total loan loan,borrower,customer loan.loan number=borrower.loan number where and borrower.customer id=customer.customer id customer.customer id group by having count(\*)>1;