Cse370 Lab Assgnment 04

Deadline: 31-07-2023 11:59 pm

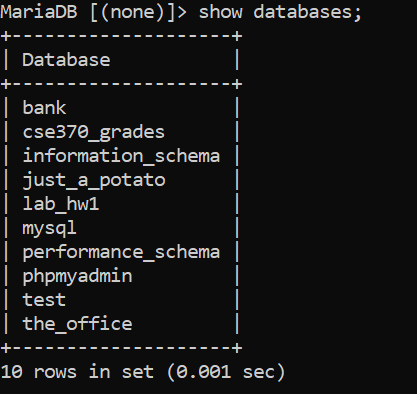
Name: Ms Rodsy Tahmid

Id: 20101021

Sec-06

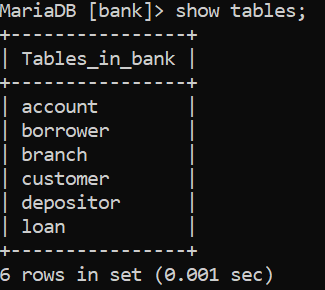
mysql -u root -p

show databases;



use Bank;

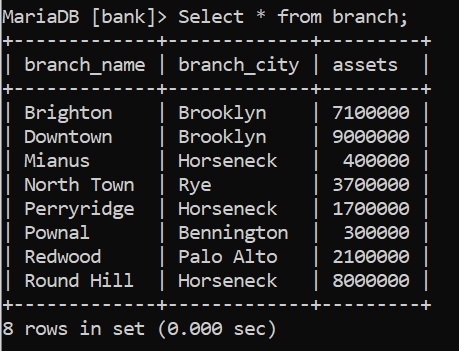
show tables;



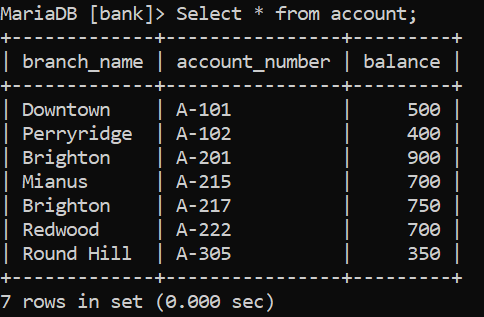
Select \* from customer;



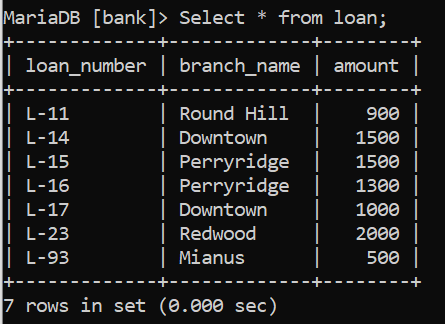
Select \* from branch;



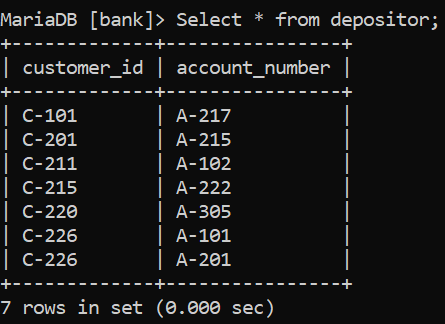
Select \* from account;



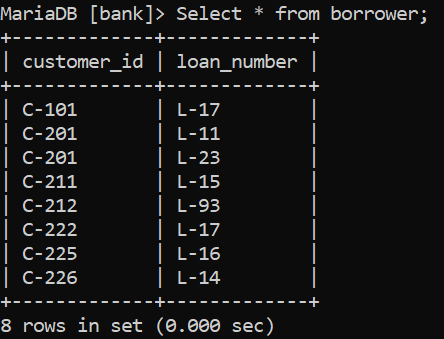
Select \* from loan;



Select \* from depositor;

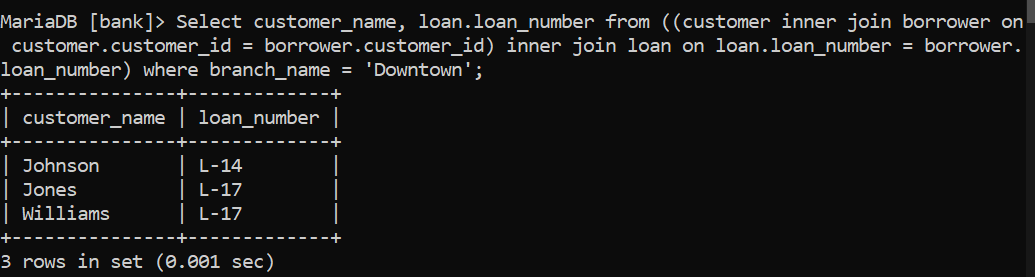


Select \* from borrower;



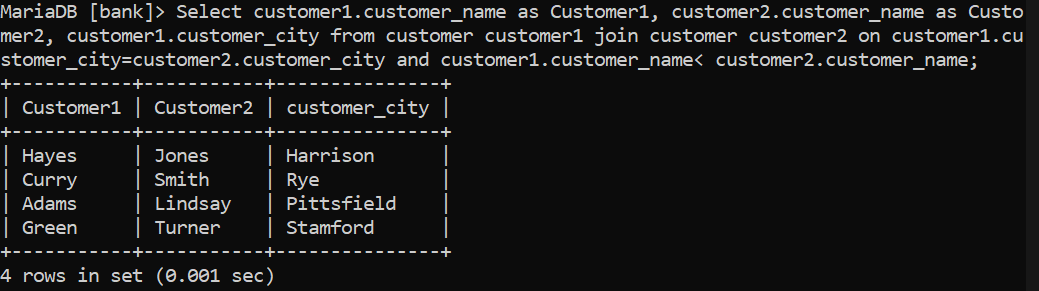
1.

Select customer\_name, loan.loan\_number from ((customer inner join borrower on customer.customer\_id = borrower.customer\_id) inner join loan on loan.loan\_number = borrower.loan\_number) where branch\_name = 'Downtown';



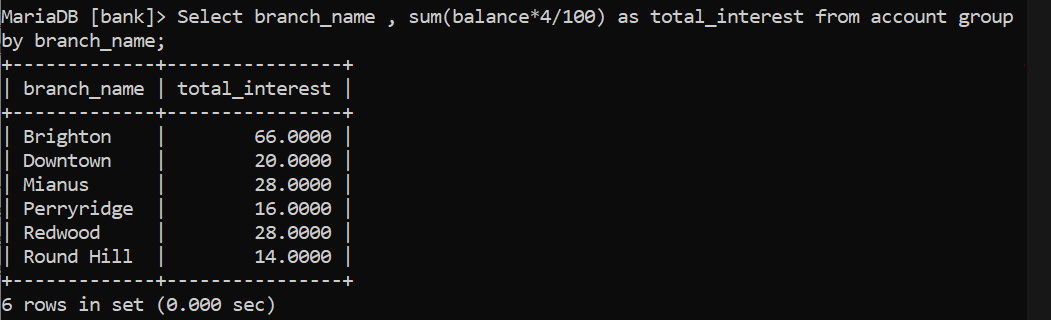
2.

Select customer1.customer\_name as Customer1, customer2.customer\_name as Customer2, customer1.customer\_city from customer customer1 join customer customer2 on customer1.customer\_city=customer2.customer\_city and customer1.customer\_name< customer2.customer\_name;



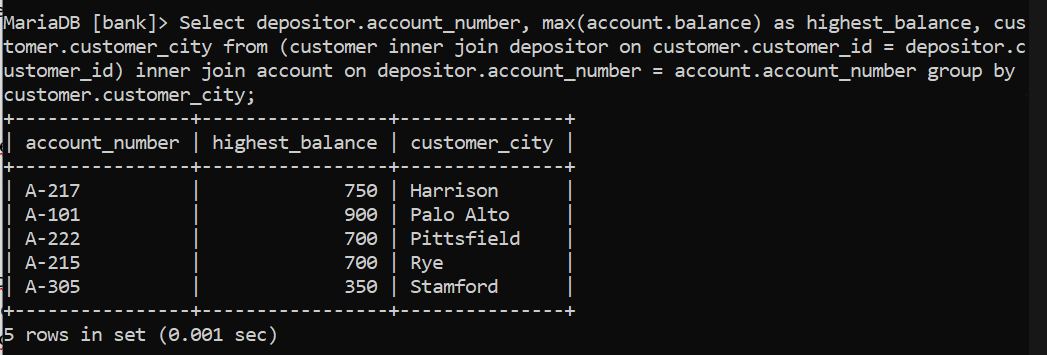
3.

Select branch\_name , sum(balance\*4/100) as total\_interest from account group by branch\_name;



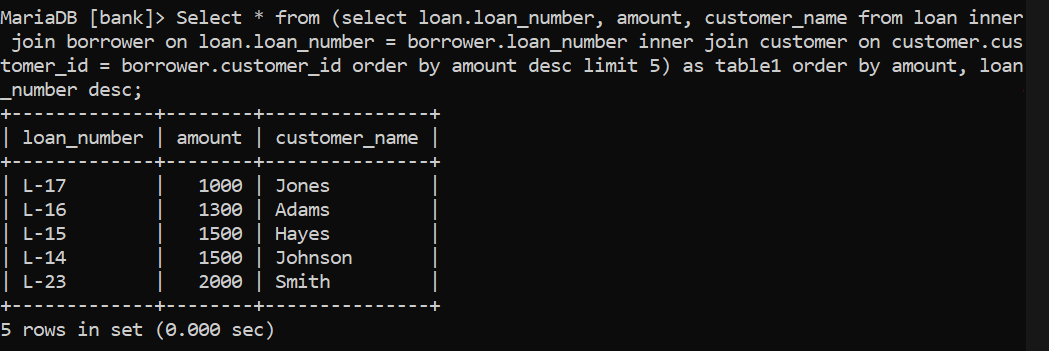
4.

Select depositor.account\_number, max(account.balance) as highest\_balance, customer.customer\_city from (customer inner join depositor on customer.customer\_id = depositor.customer\_id) inner join account on depositor.account\_number = account.account\_number group by customer.customer\_city;



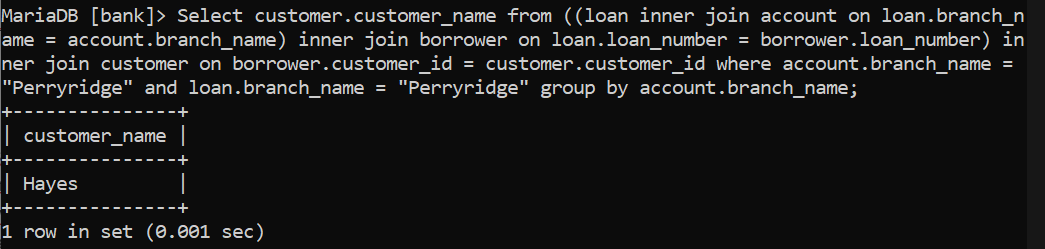
5.

Select \* from (select loan.loan\_number, amount, customer\_name from loan inner join borrower on loan.loan\_number = borrower.loan\_number inner join customer on customer.customer\_id = borrower.customer\_id order by amount desc limit 5) as table1 order by amount, loan\_number desc;



6.

Select customer.customer\_name from ((loan inner join account on loan.branch\_name = account.branch\_name) inner join borrower on loan.loan\_number = borrower.loan\_number) inner join customer on borrower.customer\_id = customer.customer\_id where account.branch\_name = "Perryridge" and loan.branch\_name = "Perryridge" group by account.branch\_name;



7.

Select customer.customer\_name, sum(loan.amount) as Total\_Loan from (loan inner join borrower on loan.loan\_number = borrower.loan\_number) inner join customer on borrower.customer\_id = customer.customer\_id group by customer.customer\_id having count(\*)>=2;

