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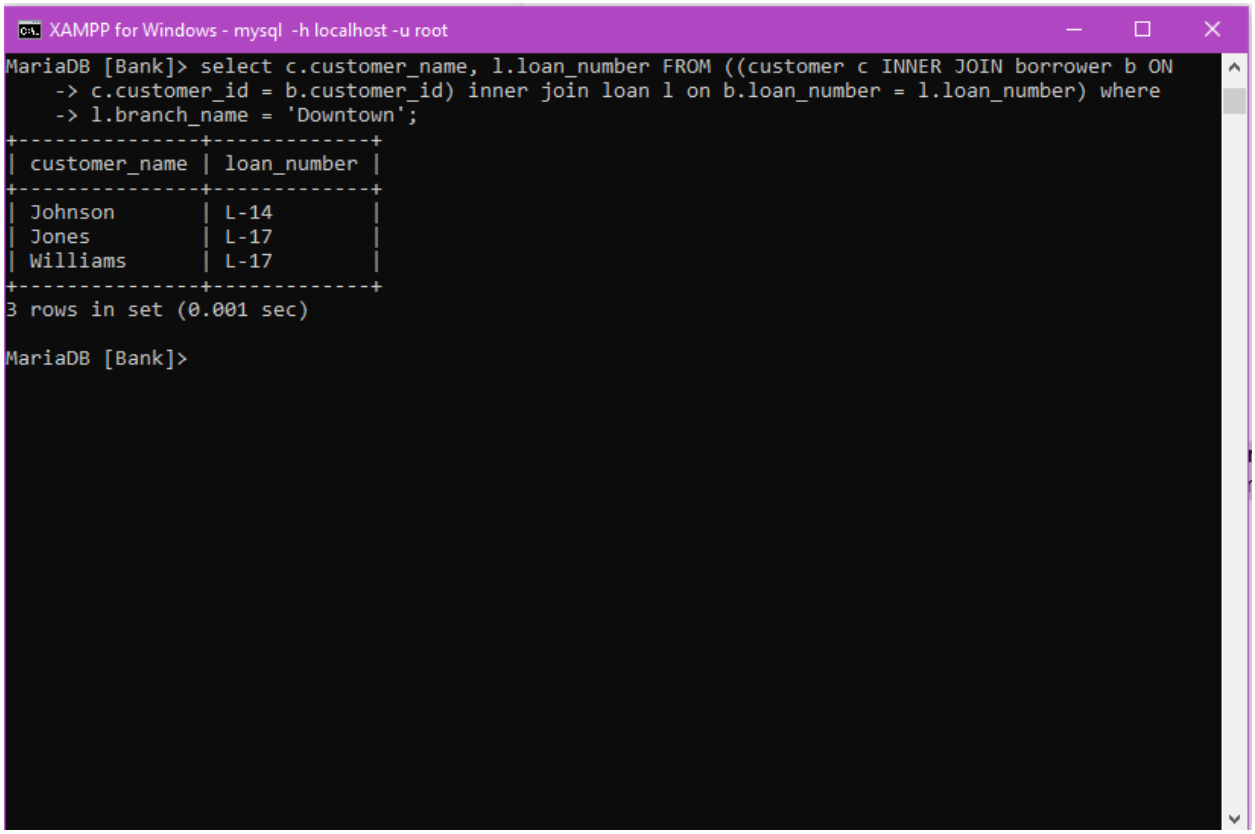
ID: 22241038

Sec: 07

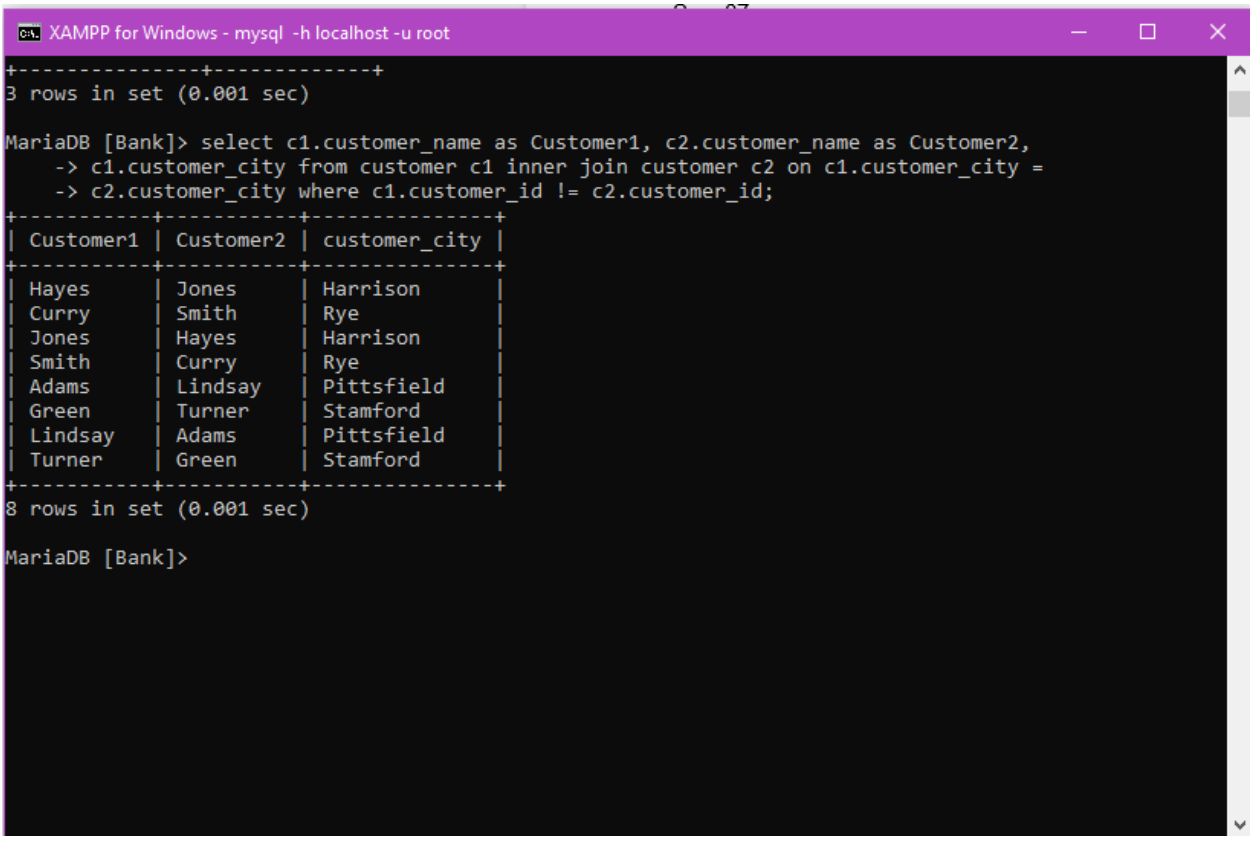
Commands: mysql -h localhost -u root

Task-1

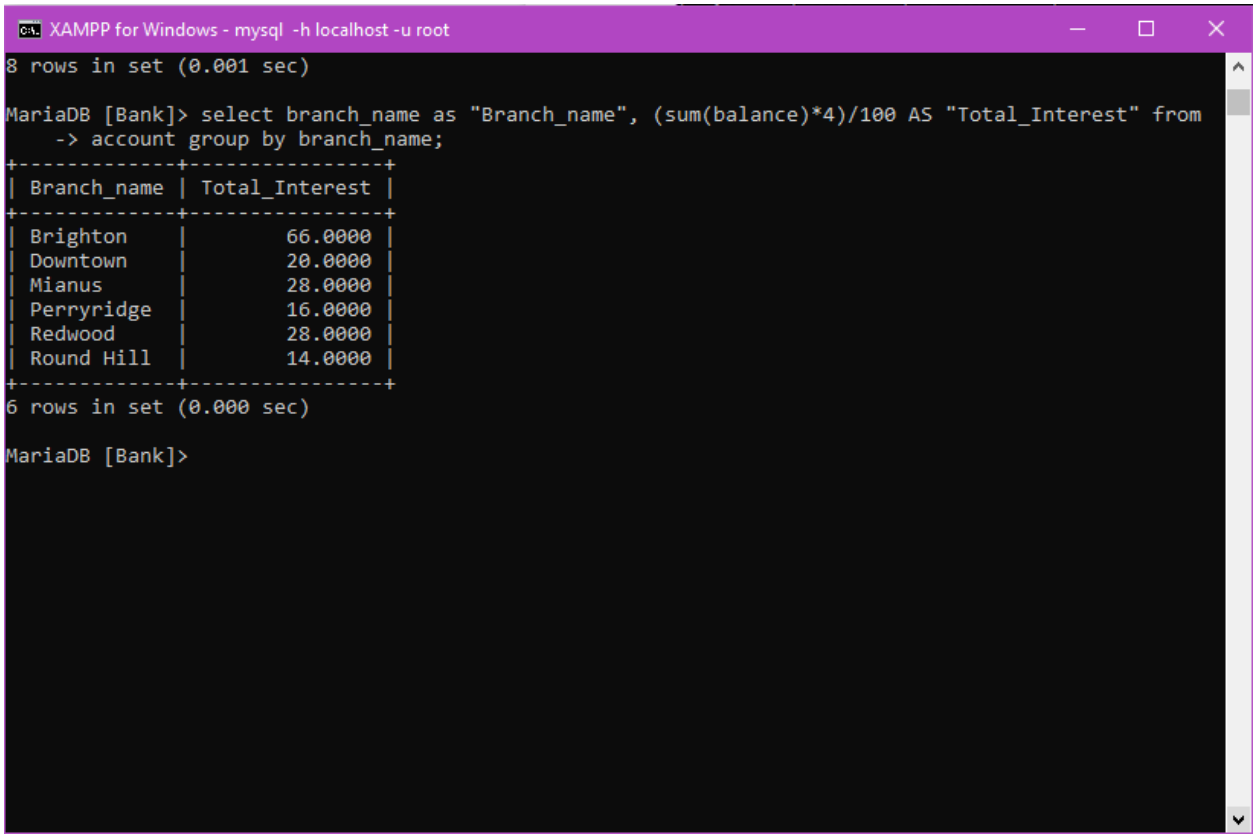
select c.customer_name, l.loan_number from ((customer c inNER JOin borrower b ON c.customer_id = b.customer_id) inner join loan l on b.loan_number = l.loan_number) where l.branch_name = 'Downtown';



Task-2:
select c1.customer_name as Customer1, c2.customer_name as Customer2, c1.customer_city from customer c1 inner join customer c2 on c1.customer_city = c2.customer_city where c1.customer_id != c2.customer_id;

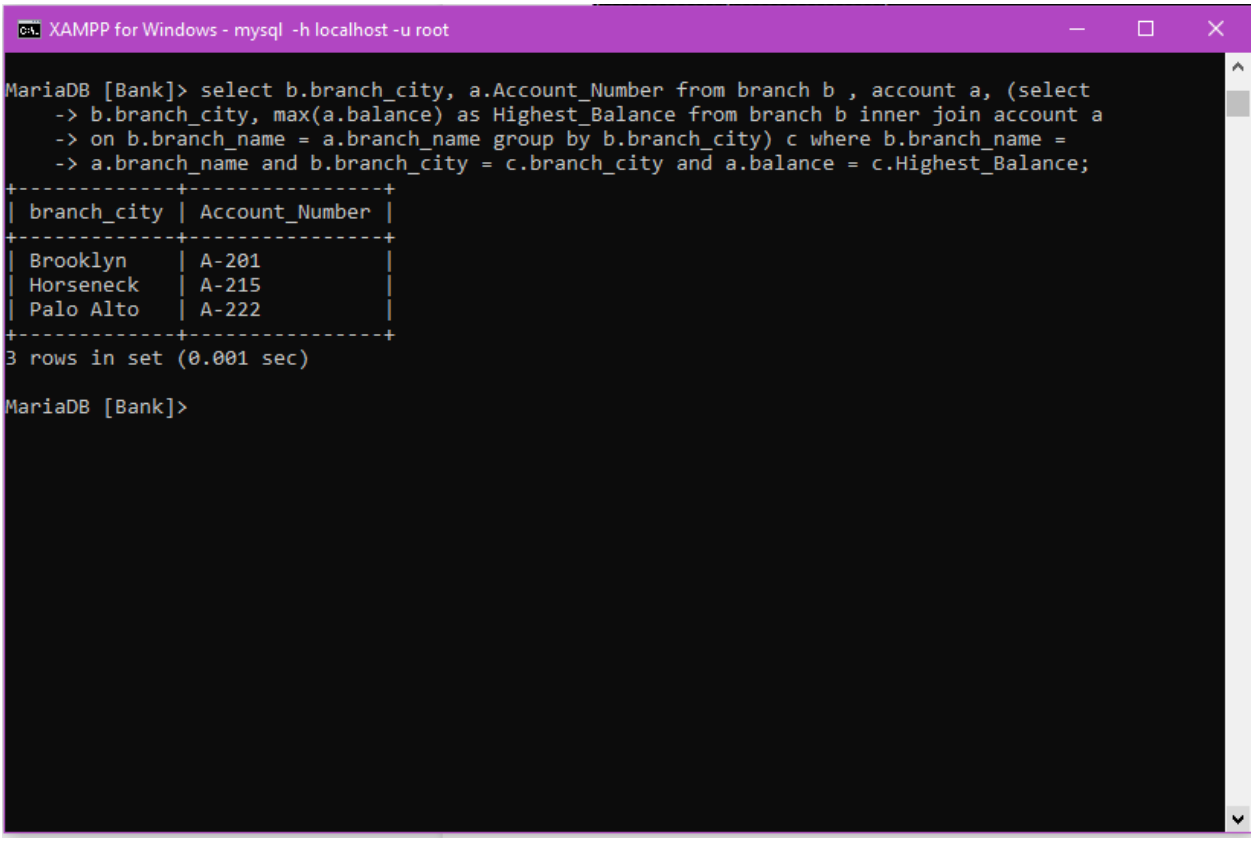


Task-3:
select branch_name as "Branch_name", (sum(balance)*4)/100 AS "Total_Interest" from account group by branch_name;



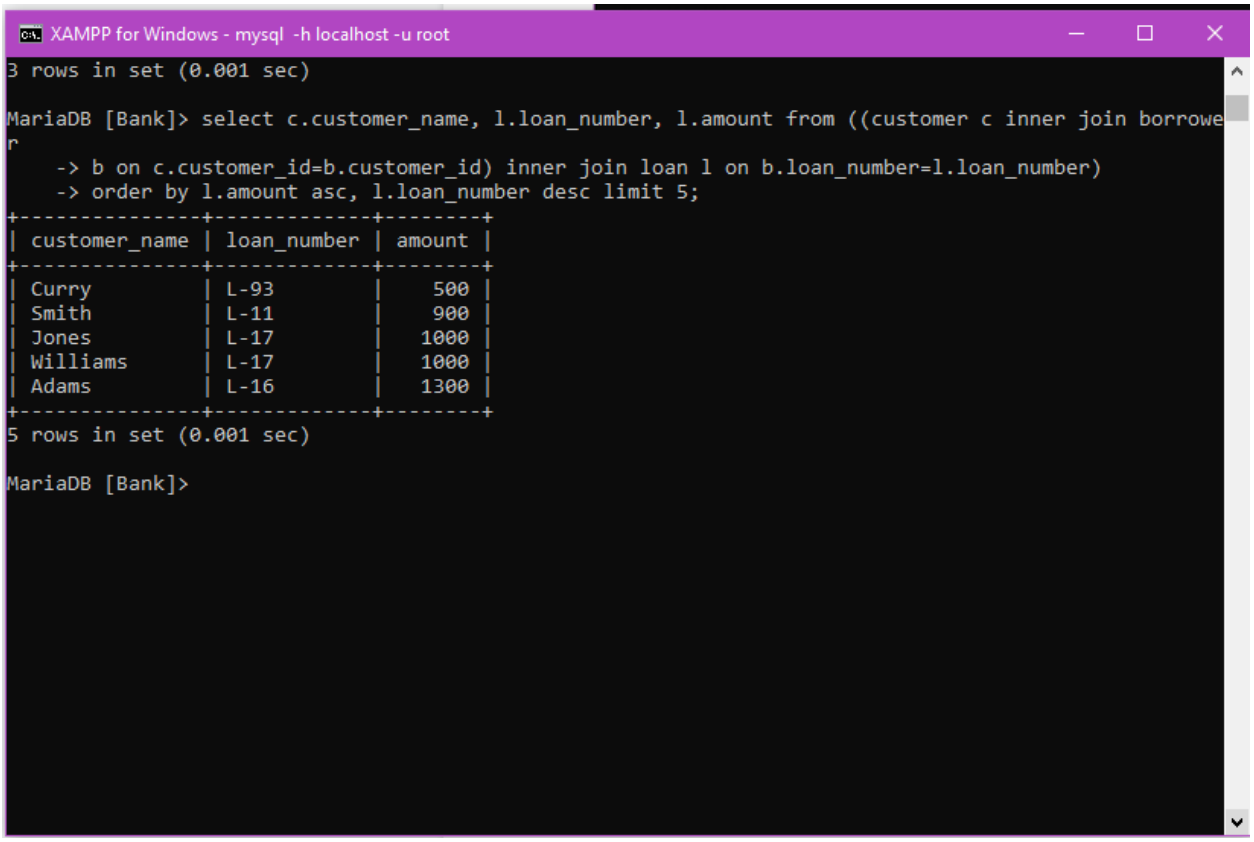
Task-4:

select b.branch_city, a.Account_Number from branch b , account a, (select b.branch_city, max(a.balance) as Highest_Balance from branch b inner join account a on b.branch_name = a.branch_name group by b.branch_city) c where b.branch_name = a.branch_name and b.branch_city = c.branch_city and a.balance = c.Highest_Balance;



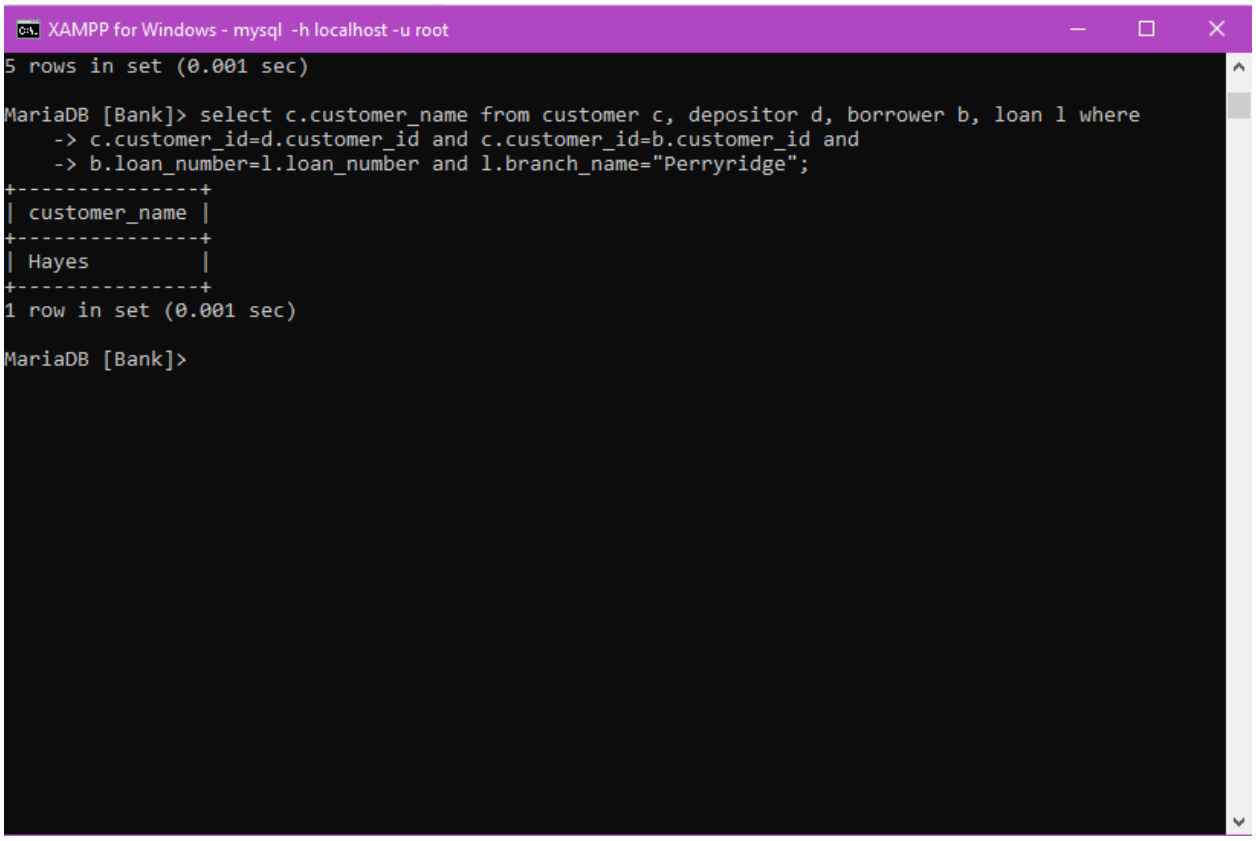
Task-5:

select c.customer_name, l.loan_number, l.amount from ((customer c inner join borrower b on c.customer_id=b.customer_id) inner join loan l on b.loan_number=l.loan_number) order by l.amount asc, l.loan_number desc limit 5;

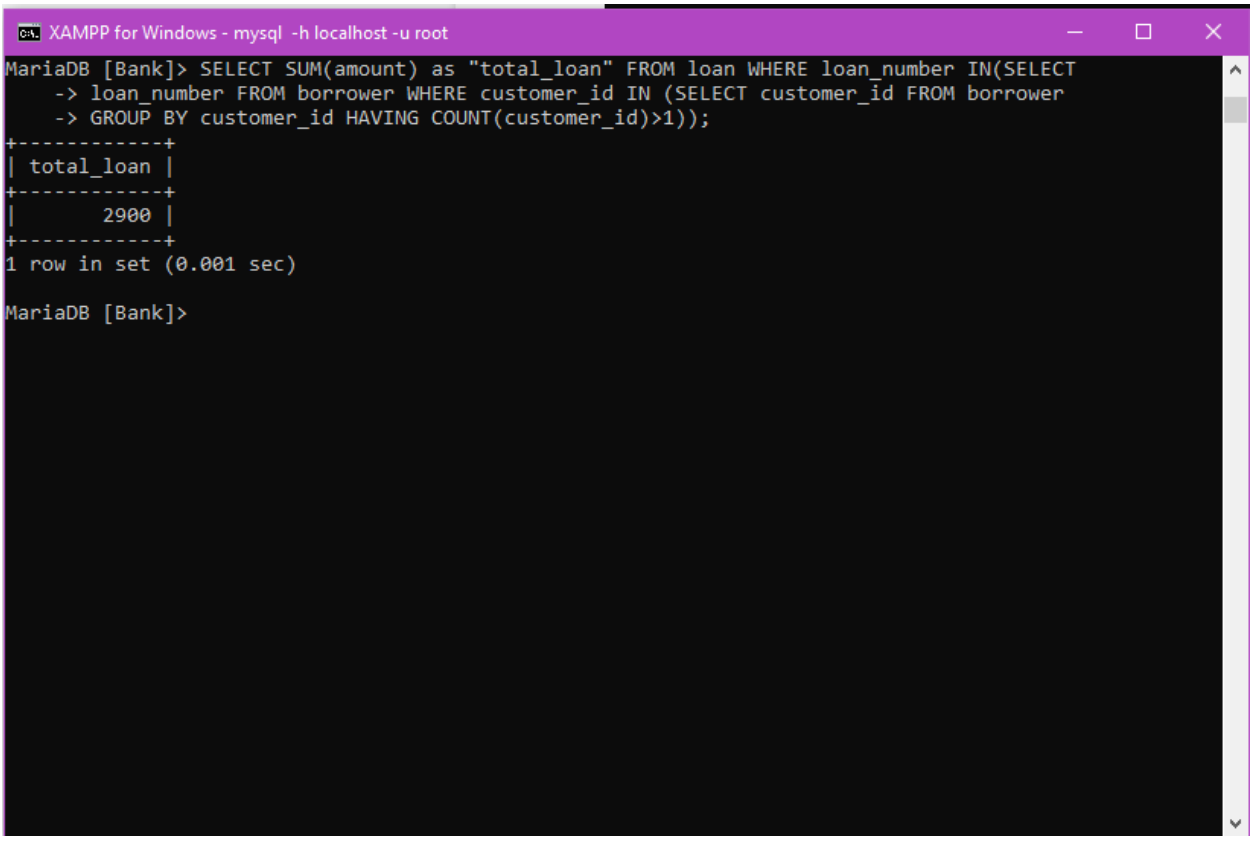


Task-6:

select c.customer_name from customer c, depositor d, borrower b, loan l where c.customer_id=d.customer_id and c.customer_id=b.customer_id and b.loan_number=l.loan_number and l.branch_name="Perryridge";



Task-7:
SELECT SUM(amount) as "total_loan" FROM loan WHERE loan_number IN(SELECT loan_number FROM borrower WHERE customer_id IN (SELECT customer_id FROM borrower GROUP BY customer_id HAVING COUNT(customer_id)>1));


XAMPP for Windows - mysql -h localhost -u root
MariaDB [Bank]> SELECT SUM(amount) as "total_loan" FROM loan WHERE loan_number IN(SELECT
-> loan_number FROM borrower WHERE customer_id IN (SELECT customer_id FROM borrower
-> GROUP BY customer_id HAVING COUNT(customer_id)>1));
+------------+
| total_loan |
+------------+
| 2900 |
+------------+
1 row in set (0.001 sec)
MariaDB [Bank]>