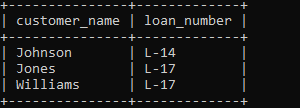
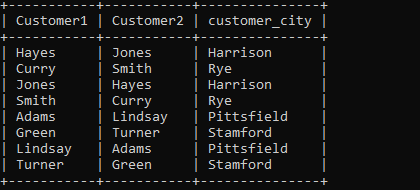
Task1)

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';



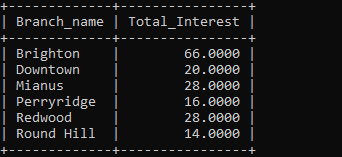
Task2)

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;



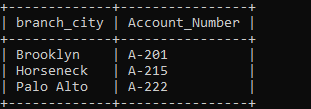
Task3)

SELECT branch\_name as Branch\_name, (SUM(balance)\*4)/100 AS Total\_Interest FROM account GROUP BY branch\_name;



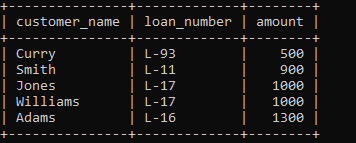
Task4)

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;



Task5)

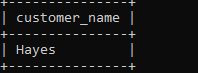
SELECT c.customer\_name, l.loan\_number, l.amount FROM ((customer c INNER JOIN borrower b ON c.customer\_id=b.customer\_id) INNER JOIN loan l ON b.loan\_number=l.loan\_number) ORDER BY l.amount ASC, l.loan\_number DESC limit 5;



Task6)

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";



Task7)

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));

