**task 4,5 wrong, taks 2 duplicate data**

**Task 1**

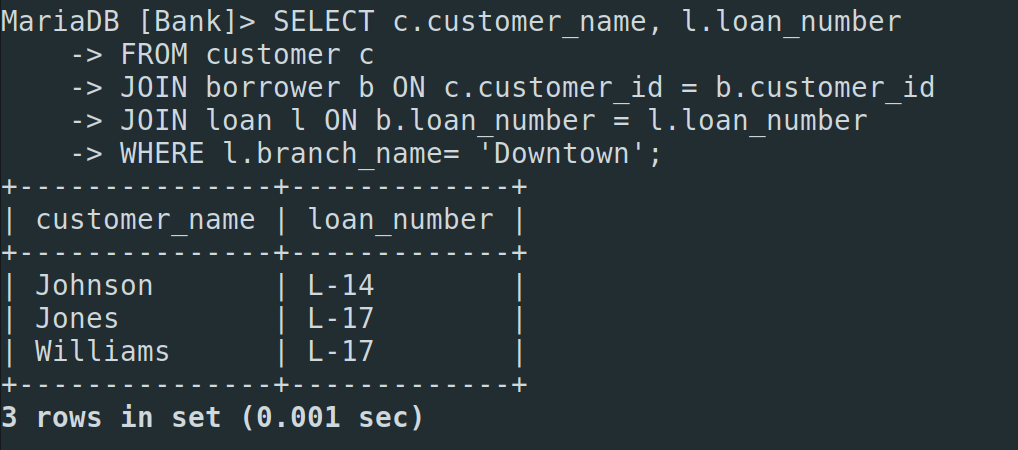
SELECT c.customer\_name, l.loan\_number

FROM customer c

JOIN borrower b ON c.customer\_id = b.customer\_id

JOIN loan l ON b.loan\_number = l.loan\_number

WHERE l.branch\_name= 'Downtown';

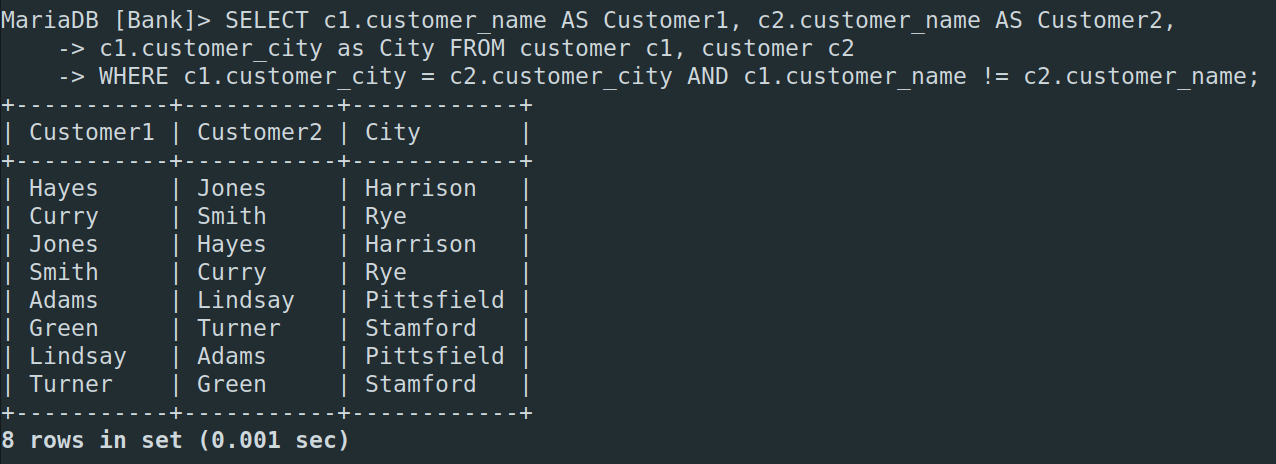


**Task 2**

SELECT c1.customer\_name AS Customer1, c2.customer\_name AS Customer2,

c1.customer\_city as City FROM customer c1, customer c2

WHERE c1.customer\_city = c2.customer\_city AND c1.customer\_name != c2.customer\_name;



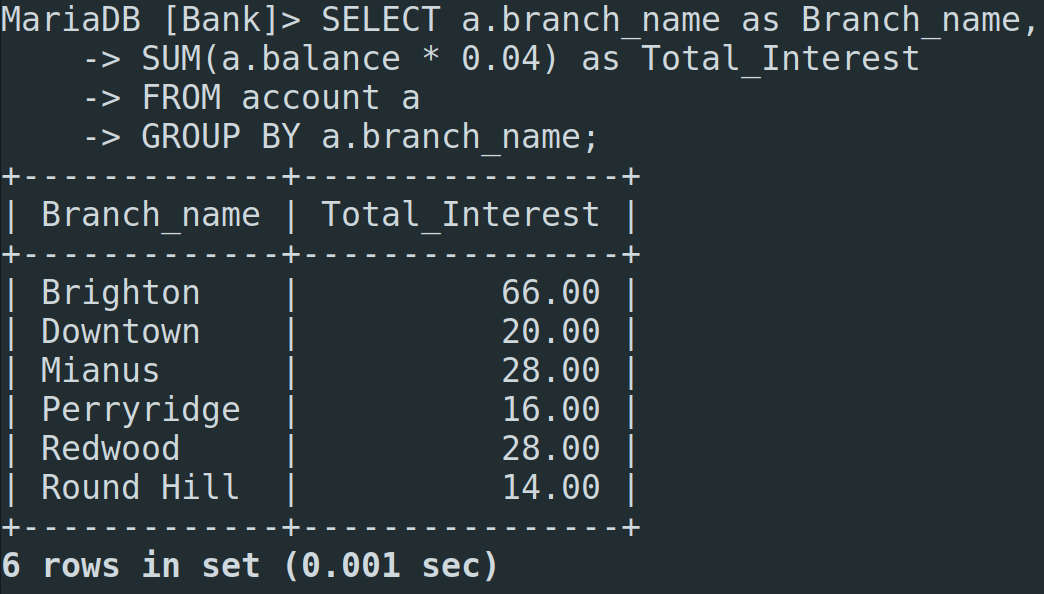
**Task 3**

SELECT a.branch\_name as Branch\_name,

SUM(a.balance \* 0.04) as Total\_Interest

FROM account a

GROUP BY a.branch\_name;



**Task 4**

SELECT b.branch\_city, a.account\_number, a.balance

FROM account a

JOIN branch b ON a.branch\_name = b.branch\_name

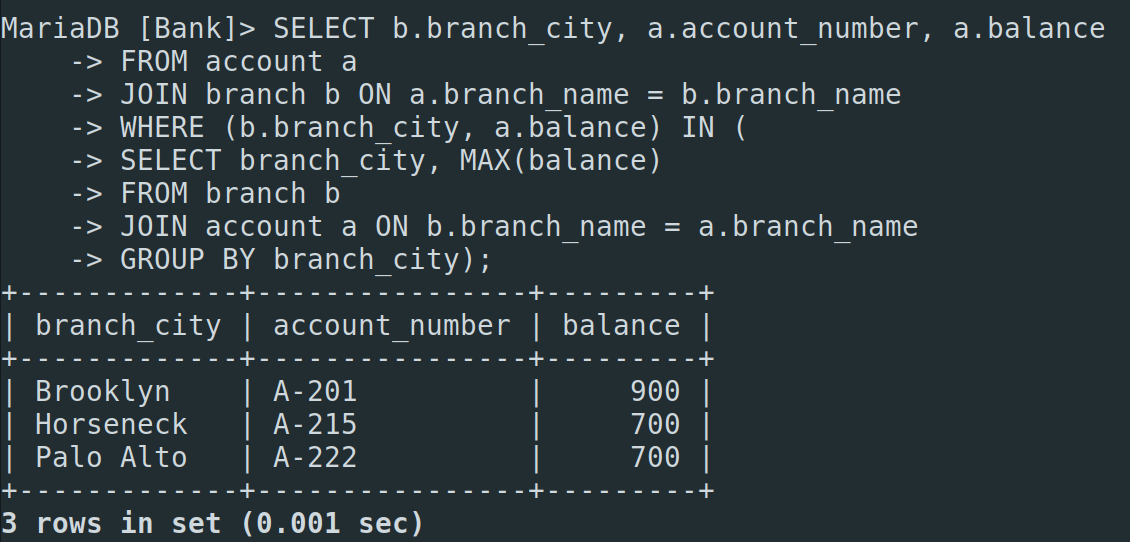
WHERE (b.branch\_city, a.balance) IN (

SELECT branch\_city, MAX(balance)

FROM branch b

JOIN account a ON b.branch\_name = a.branch\_name

GROUP BY branch\_city);



**Task 5**

SELECT l.loan\_number, l.amount as loan\_amount, c.customer\_name

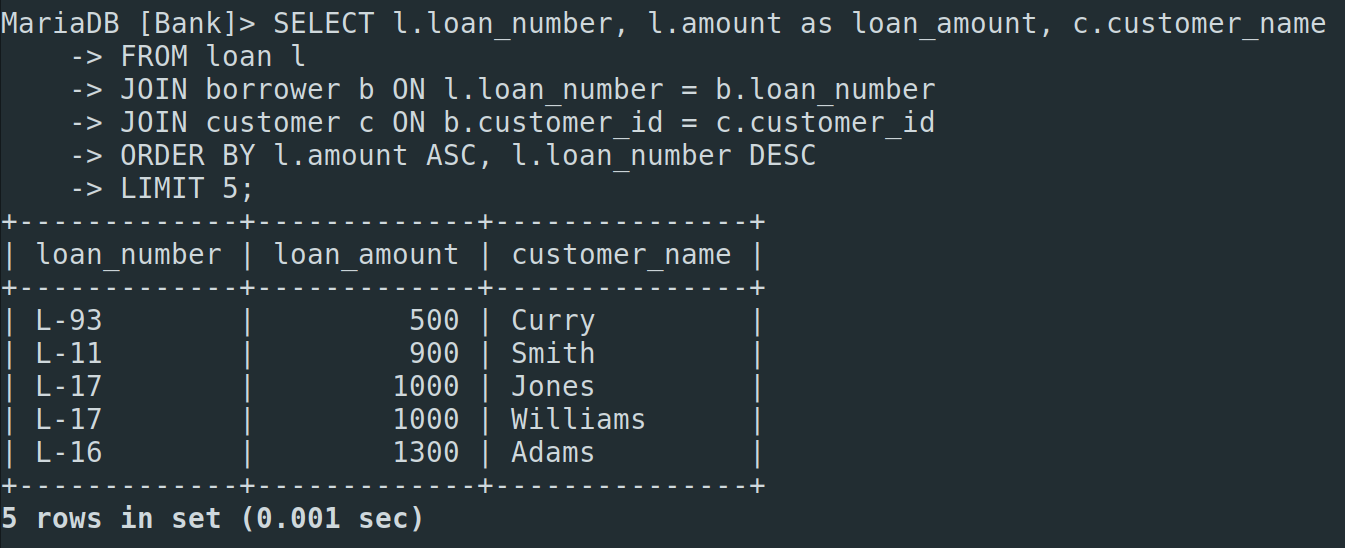
FROM loan l

JOIN borrower b ON l.loan\_number = b.loan\_number

JOIN customer c ON b.customer\_id = c.customer\_id

ORDER BY l.amount ASC, l.loan\_number DESC

LIMIT 5;



**Task 6**

SELECT DISTINCT c.customer\_name

FROM customer c

JOIN depositor d ON c.customer\_id = d.customer\_id

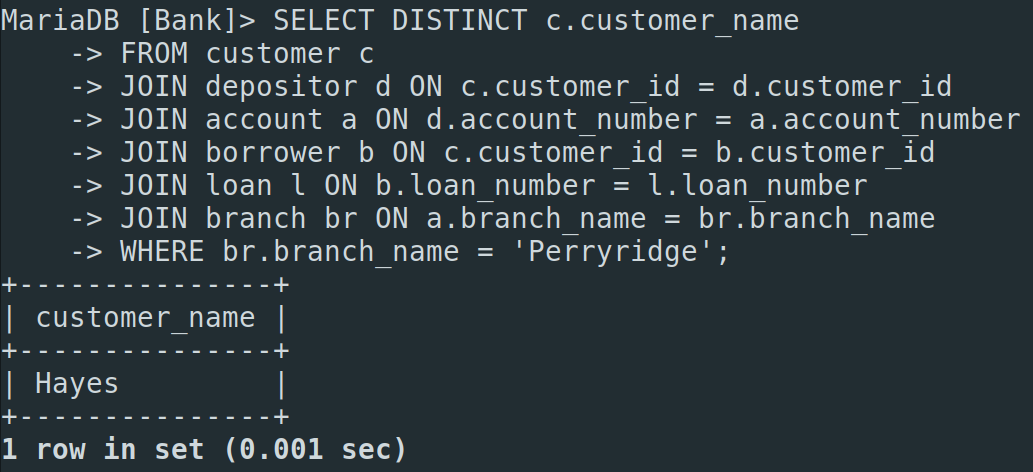
JOIN account a ON d.account\_number = a.account\_number

JOIN borrower b ON c.customer\_id = b.customer\_id

JOIN loan l ON b.loan\_number = l.loan\_number

JOIN branch br ON a.branch\_name = br.branch\_name

WHERE br.branch\_name = 'Perryridge';



**Task 7**

SELECT c.customer\_name, SUM(l.amount) as total\_loan

FROM customer c

JOIN borrower b ON c.customer\_id = b.customer\_id

JOIN loan l ON b.loan\_number = l.loan\_number

GROUP BY c.customer\_id, c.customer\_name

HAVING COUNT(b.loan\_number) >= 2;

