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**CSE370 Lab HW-04**

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Sec – 10

Faculty – AMM

1. USE Bank;

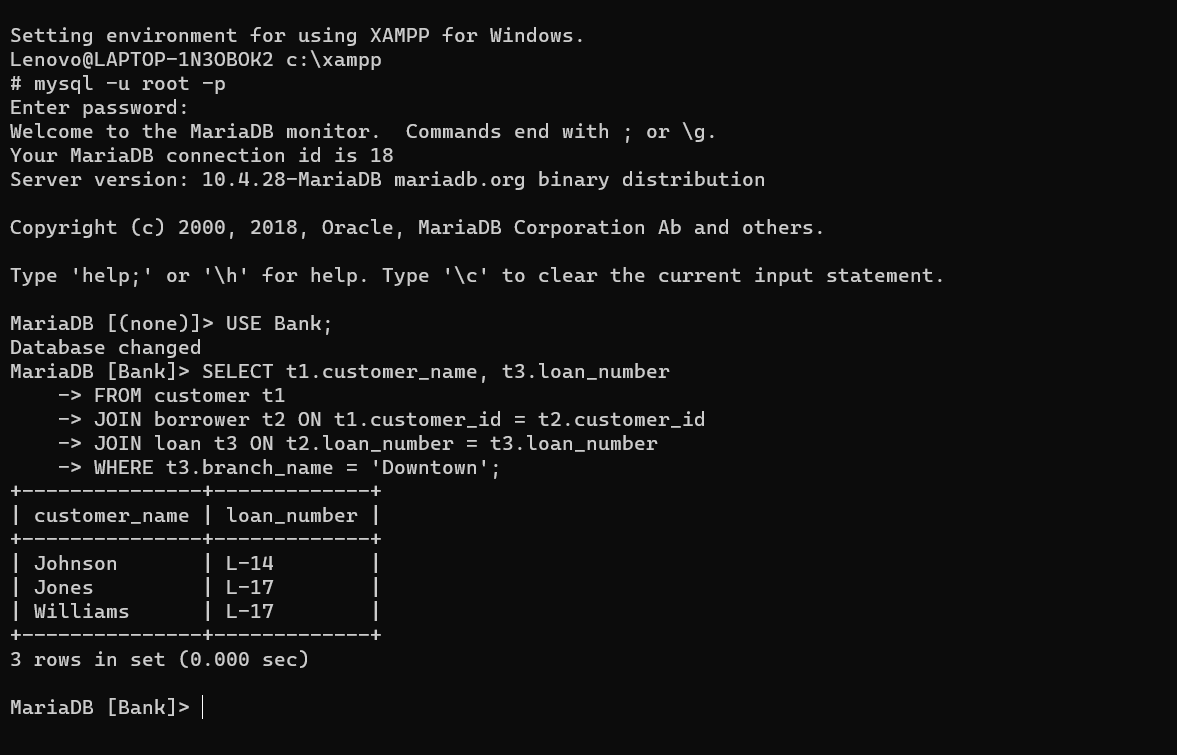
SELECT t1.customer\_name, t3.loan\_number

FROM customer t1

JOIN borrower t2 ON t1.customer\_id = t2.customer\_id

JOIN loan t3 ON t2.loan\_number = t3.loan\_number

WHERE t3.branch\_name = 'Downtown';

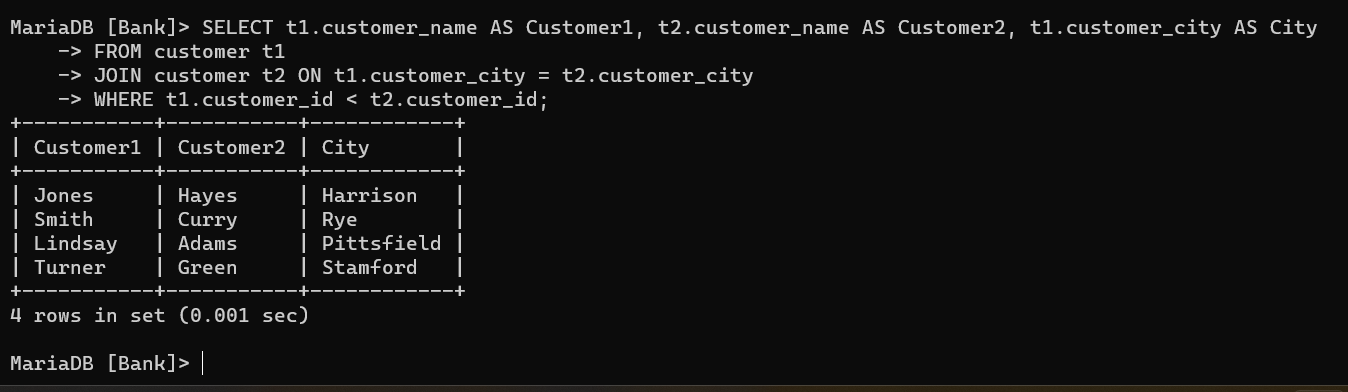


1. SELECT t1.customer\_name AS Customer1, t2.customer\_name AS Customer2, t1.customer\_city AS City

FROM customer t1

JOIN customer t2 ON t1.customer\_city = t2.customer\_city

WHERE t1.customer\_id < t2.customer\_id;

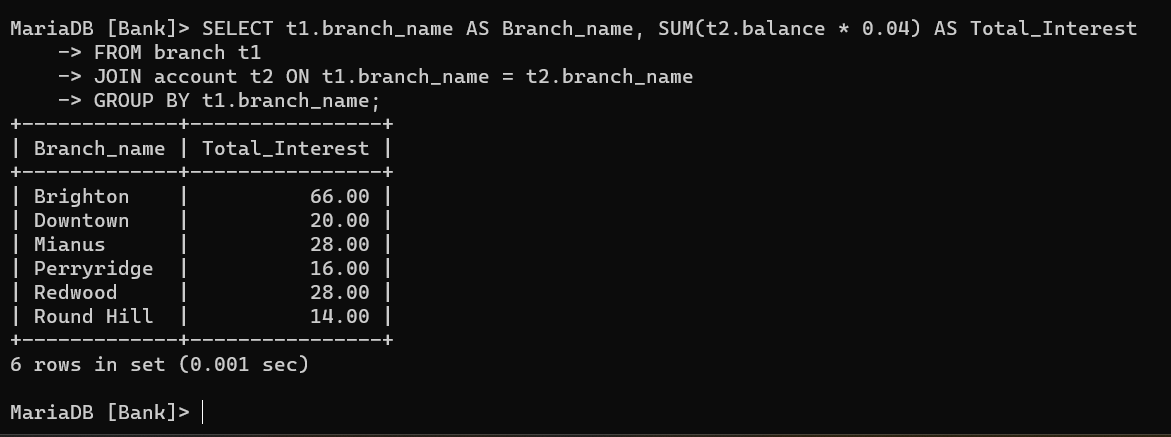


1. SELECT t1.branch\_name AS Branch\_name, SUM(t2.balance \* 0.04) AS Total\_Interest

FROM branch t1

JOIN account t2 ON t1.branch\_name = t2.branch\_name

GROUP BY t1.branch\_name;



1. SELECT t1.customer\_city, t3.account\_number

FROM customer t1

JOIN depositor t2 ON t1.customer\_id = t2.customer\_id

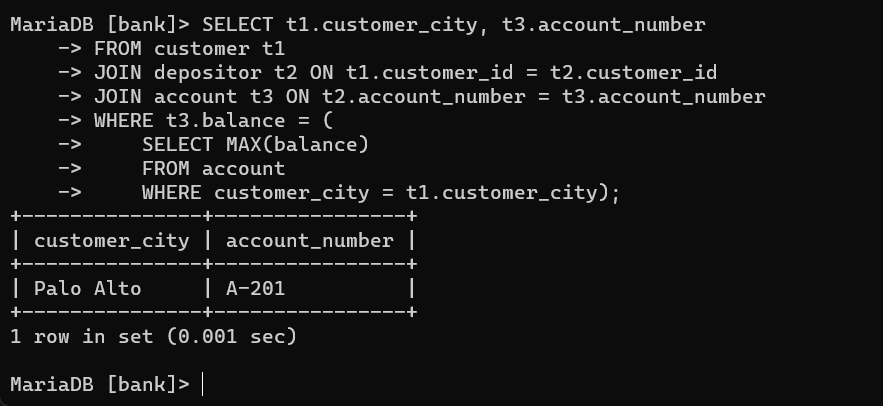
JOIN account t3 ON t2.account\_number = t3.account\_number

WHERE t3.balance = (

SELECT MAX(balance)

FROM account

WHERE customer\_city = t1.customer\_city);



1. SELECT t1.loan\_number, t1.amount, t3.customer\_name

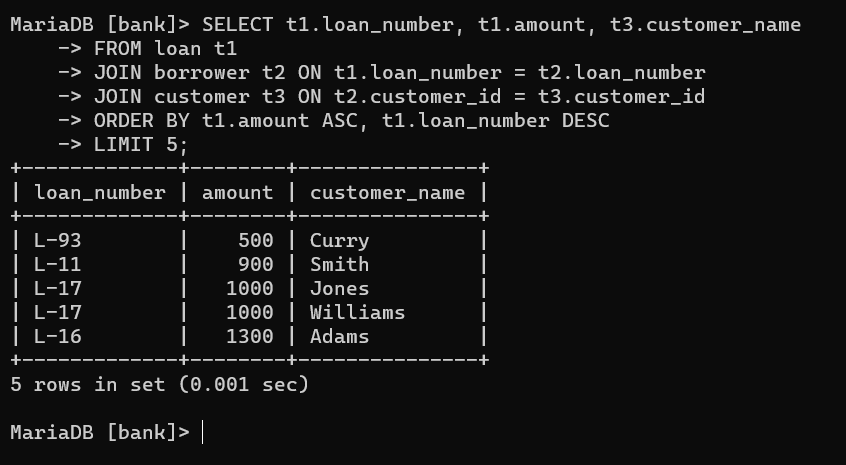
FROM loan t1

JOIN borrower t2 ON t1.loan\_number = t2.loan\_number

JOIN customer t3 ON t2.customer\_id = t3.customer\_id

ORDER BY t1.amount ASC, t1.loan\_number DESC

LIMIT 5;



1. SELECT t1.customer\_name

FROM customer t1

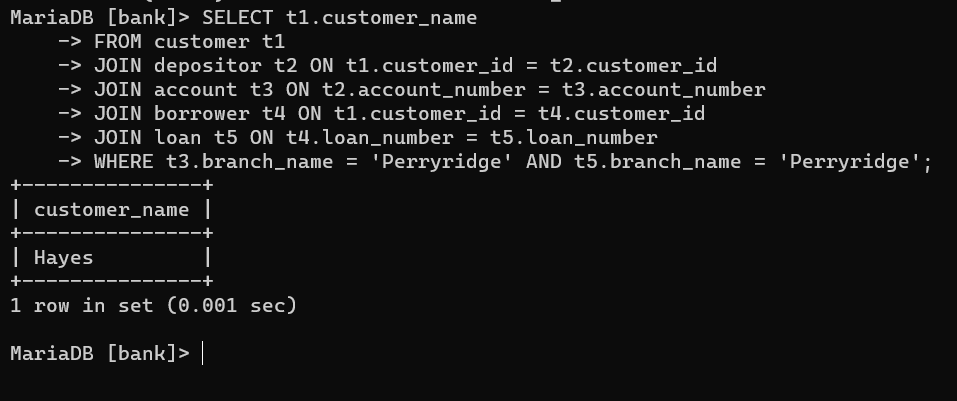
JOIN depositor t2 ON t1.customer\_id = t2.customer\_id

JOIN account t3 ON t2.account\_number = t3.account\_number

JOIN borrower t4 ON t1.customer\_id = t4.customer\_id

JOIN loan t5 ON t4.loan\_number = t5.loan\_number

WHERE t3.branch\_name = 'Perryridge' AND t5.branch\_name = 'Perryridge';



1. SELECT t1.customer\_name, SUM(t3.amount) AS total\_loan

FROM customer t1

JOIN borrower t2 ON t1.customer\_id = t2.customer\_id

JOIN loan t3 ON t2.loan\_number = t3.loan\_number

GROUP BY t1.customer\_name

HAVING COUNT(\*) >= 2;

