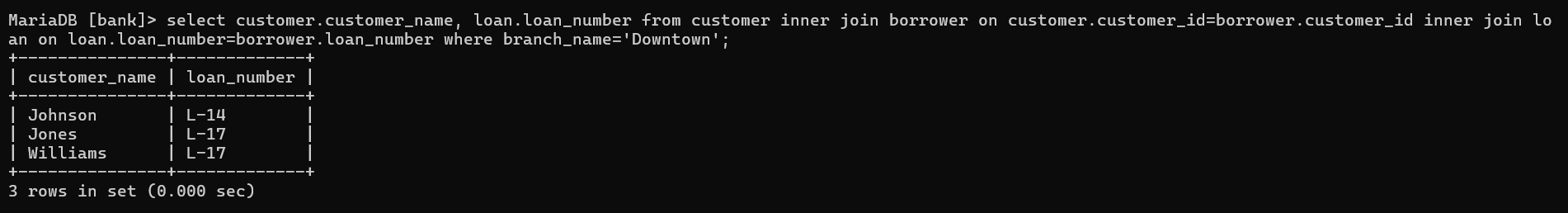
**Assignment-3**

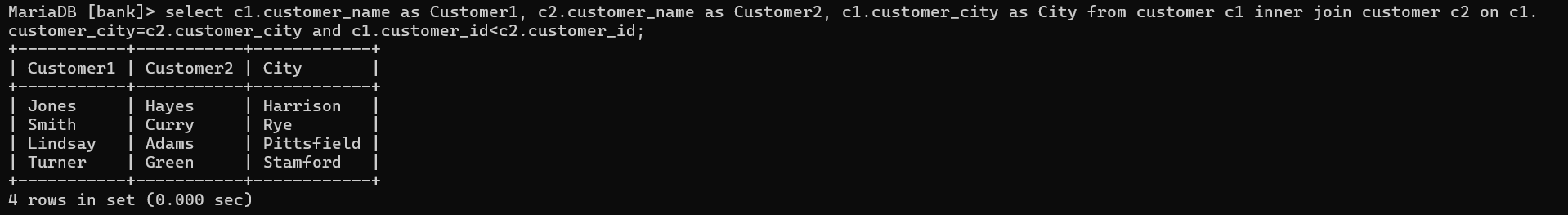
**ID. 22301182**

**Task-01**

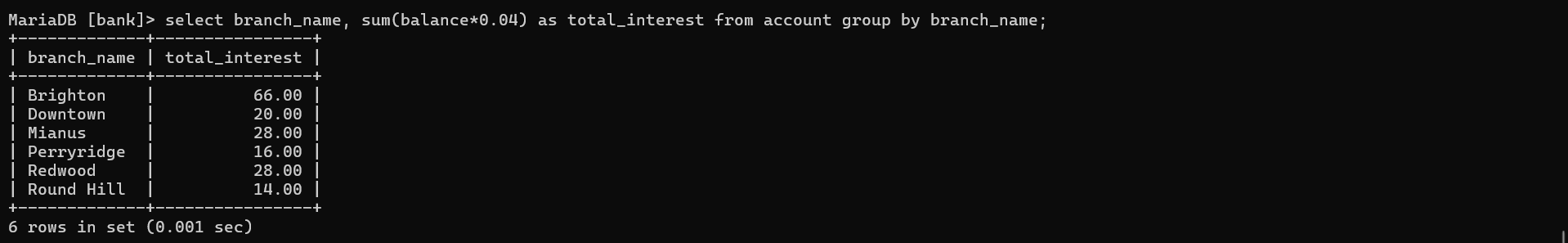
select customer.customer\_name, loan.loan\_number from customer inner join borrower on customer.customer\_id=borrower.customer\_id inner join loan on loan.loan\_number=borrower.loan\_number where branch\_name='Downtown';



**Task-02**

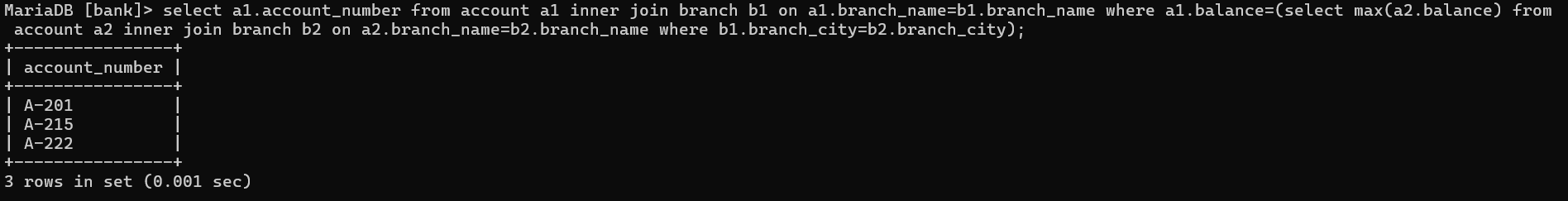
select c1.customer\_name as Customer1, c2.customer\_name as Customer2, c1.customer\_city as City from customer c1 inner join customer c2 on c1.customer\_city=c2.customer\_city and c1.customer\_id<c2.customer\_id;

**Task-03**

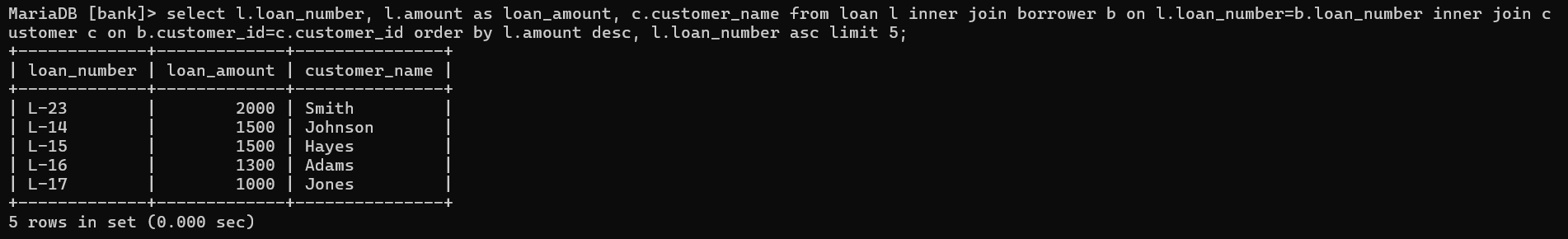
select branch\_name, sum(balance\*0.04) as total\_interest from account group by branch\_name;

**Task-04**

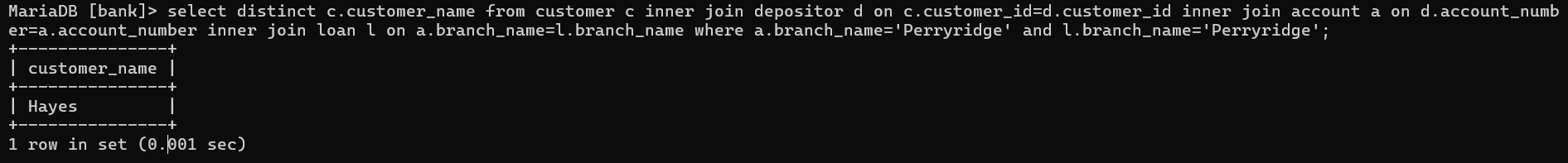
select a1.account\_number from account a1 inner join branch b1 on a1.branch\_name=b1.branch\_name where a1.balance=(select max(a2.balance) from account a2 inner join branch b2 on a2.branch\_name=b2.branch\_name where b1.branch\_city=b2.branch\_city);



**Task-05**

select l.loan\_number, l.amount as loan\_amount, c.customer\_name from loan l inner join borrower b on l.loan\_number=b.loan\_number inner join customer c on b.customer\_id=c.customer\_id order by l.amount desc, l.loan\_number asc limit 5;

**Task-06**

select distinct c.customer\_name from customer c inner join depositor d on c.customer\_id=d.customer\_id inner join account a on d.account\_number=a.account\_number inner join loan l on a.branch\_name=l.branch\_name where a.branch\_name='Perryridge' and l.branch\_name='Perryridge';

**Task-07**

select c.customer\_name, sum(l.amount) as total\_loan 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 group by c.customer\_name having count(b.loan\_number)>=2;

