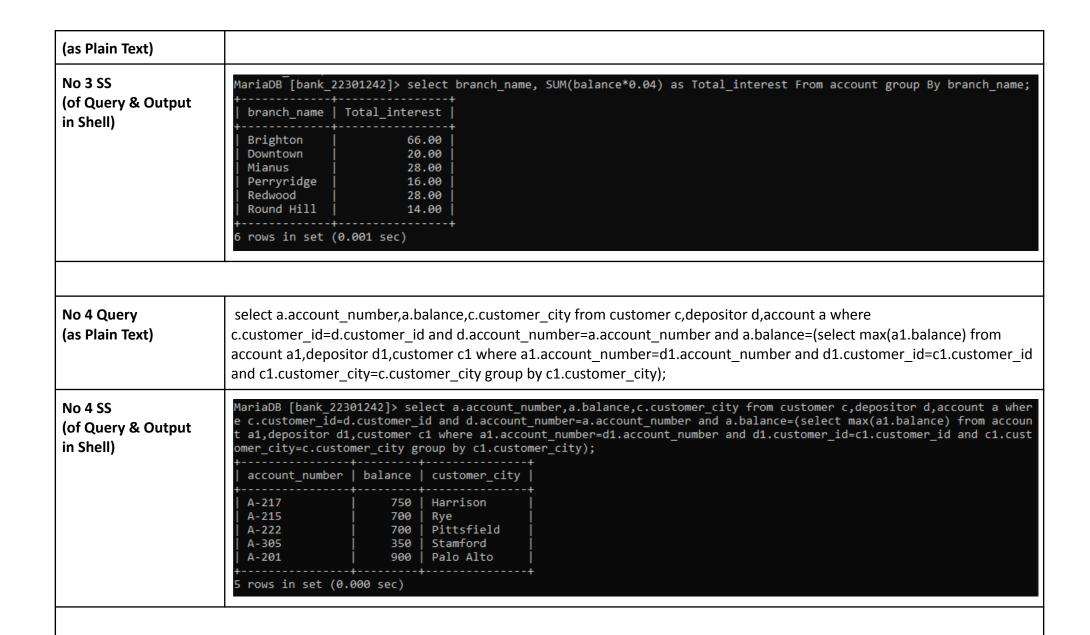
CSE370: Database Systems

Assignment 01 | Fall 2024

ID : <22301242> | Name : Md. Sabbir Akon

No 1 Query (as Plain Text)	select a.customer_name, b.loan_number from customer a, loan b, borrower c where c.customer_id=a.customer_id and b.loan_number =c.loan_number and b.branch_name="Downtown";
No 1 SS (of Query & Output in Shell)	MariaDB [bank_22301242]> select a.customer_name, b.loan_number from customer a, loan b, borrower c where c.customer_id=a.customer_id and b.loan_number =c.loan_number and b.branch_name="Downtown"; +
No 2 Query (as Plain Text)	select c1.customer_name as Customer1, c2.customer_name Customer2, c1.customer_city as City from customer c1, customer c2 where c1.customer_city=c2.customer_city and c1.customer_id <c2.customer_id;< td=""></c2.customer_id;<>
No 2 SS (of Query & Output in Shell)	MariaDB [bank_22301242]> select c1.customer_name as Customer1, c2.customer_name Customer2, c1.customer_city as City f rom customer c1, customer c2 where c1.customer_city=c2.customer_city and c1.customer_id <c2.customer_id; city="" customer1="" customer2="" th="" ="" <=""></c2.customer_id;>
No 3 Query	select branch_name, SUM(balance*0.04) as Total_interest From account group By branch_name;



No 5 Query (as Plain Text)	select l.loan_number,l.amount,c.customer_name from borrower b,loan l,customer c where b.loan_number=l.loan_number and b.customer_id=c.customer_id order by l.amount asc,l.loan_number desc limit 5;
No 5 SS (of Query & Output in Shell)	MariaDB [bank_22301242]> select l.loan_number,l.amount,c.customer_name from borrower b,loan l,customer c where b.loan _number=l.loan_number and b.customer_id=c.customer_id order by l.amount asc,l.loan_number desc limit 5; ++
	loan_number amount customer_name
	L-93
	5 rows in set (0.001 sec)
No 6 Query (as Plain Text)	select c.customer_name from customer c,loan l,borrower b,depositor d,account a where c.customer_id=d.customer_id and d.account_number=a.account_number and c.customer_id=b.customer_id and b.loan_number=l.loan_number and l.branch_name="Perryridge";
No 6 SS (of Query & Output in Shell)	MariaDB [bank_22301242]> select c.customer_name from customer c,loan l,borrower b,depositor d,account a where c.custo mer_id=d.customer_id and d.account_number=a.account_number and c.customer_id=b.customer_id and b.loan_number=l.loan_n umber and l.branch_name="Perryridge" and a.branch_name="Perryridge"; ++ customer_name ++ Hayes
No 7 Query (as Plain Text)	select c.customer_name,sum(l.amount) as total_loan from borrower b,customer c,loan I where c.customer_id=b.customer_id and b.loan_number=I.loan_number group by c.customer_name having

	count(b.loan_number)>=2;
No 7 SS (of Query & Output in Shell)	MariaDB [bank_22301242]> select c.customer_name,sum(l.amount) as total_loan from borrower b,customer c,loan l where c .customer_id=b.customer_id and b.loan_number=l.loan_number group by c.customer_name having count(b.loan_number)>=2; ++ customer_name total_loan ++ Smith