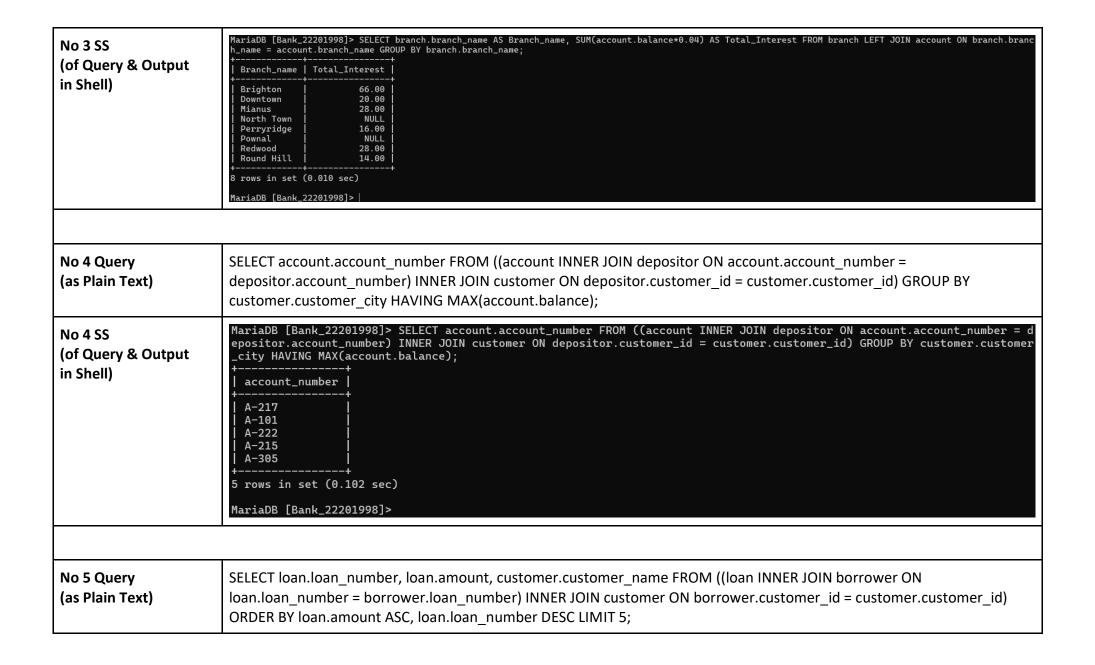
CSE370: Database Systems

Assignment 03 | Fall 2024

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No 1 Query (as Plain Text)	SELECT customer.customer_name, loan.loan_number FROM ((loan INNER JOIN borrower ON loan.loan_number = borrower.loan_number) INNER JOIN customer ON borrower.customer_id = customer.customer_id) WHERE loan.branch_name = "Downtown";					
No 1 SS (of Query & Output in Shell)	MariaDB [Bank_22201998] > SELECT customer.customer_name, loan.loan_number FROM ((loan INNER JOIN borrower ON loan.loan_number = borrower.loan_number) INNER J OIN customer ON borrower.customer_id = customer.customer_id) WHERE loan.branch_name = "Downtown"; +					
No 2 Query (as Plain Text)	SELECT L1.customer_name AS Customer1, L2.customer_name AS Customer2, L1.customer_city AS City FROM customer L1, customer L2 WHERE L1.customer_city = L2.customer_city AND L1.customer_id > L2.customer_id;					
No 2 SS (of Query & Output in Shell)	MariaDB [Bank_22201998]> SELECT L1.customer_name AS Customer1, L2.customer_name AS Customer2, L1.customer_city AS City FROM customer L1, customer L2 WHERE L1.customer_city = L2.customer_city AND L1.customer_id > L2.customer_id; +					
No 3 Query (as Plain Text)	SELECT branch.branch_name AS Branch_name, SUM(account.balance*0.04) AS Total_Interest FROM branch LEFT JOIN account ON branch.branch_name = account.branch_name GROUP BY branch.branch_name;					



No 5 SS (of Query & Output in Shell)	MariaDB [Bank_22201998]> SELECT loan.loan_number, loan.amount, customer.customer_name FROM ((loan INNER JOIN borrower ON loan.loan_number = borrower.loan_number) INNER JOIN customer ON borrower.customer_id = customer.customer_id) ORDER BY loan.amount ASC, loan.loan_number DESC LIMIT 5; loan_number amount customer_name L-93					
No 6 Query (as Plain Text)	SELECT customer_customer_name FROM ((loan INNER JOIN borrower ON loan.loan_number = borrower.loan_number AND loan.branch_name = "Perryridge") INNER JOIN customer ON borrower.customer_id = customer.customer_id);					
No 6 SS (of Query & Output in Shell)	MariaDB [Bank_22201998]> SELECT customer.customer_name FROM ((loan INNER JOIN borrower ON loan.loan_number = borrower.loan_number AND loan.branch_name = "Pe rryridge") INNER JOIN customer ON borrower.customer_id = customer_customer_id); +					
No 7 Query (as Plain Text)	SELECT customer.customer_name, SUM(loan.amount) AS total_loan FROM ((loan INNER JOIN borrower ON loan.loan_number = borrower.loan_number) INNER JOIN customer ON borrower.customer_id = customer.customer_id) GROUP BY customer.customer_name HAVING COUNT(loan.loan_number) > 1;					
No 7 SS (of Query & Output in Shell)	MariaDB [Bank_22201998]> SELECT customer_customer_name, SUM(loan.amount) AS total_loan FROM ((loan INNER JOIN borrower ON loan.loan_number = borrower.loan_n umber) INNER JOIN customer ON borrower.customer_id = customer.customer_id) GROUP BY customer.customer_name HAVING COUNT(loan.loan_number) > 1; +					