Bangladesh University Of Business & Technology



LAB REPORT

Course Code : CSE-207

Course Title : Database Systems

Experiment Name : Create database & table, Insert data in table and solving the questions from the tables using xampp software.

Experiment No. : 03

Intake : 45

Section : 02

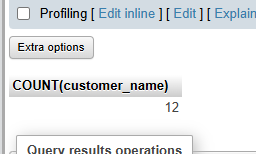
Program : B.sc. Engg in CSE

SUBMITTED BY : Shamsi Juma(068)

SUBMITTED TO : Zobaer Zihad (Lecturer, Department of CSE, BUBT)

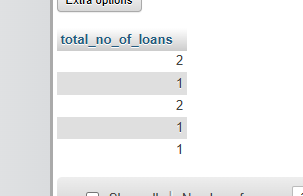
1. Find the number of customers from all cities in “Customer” relation.

SELECT COUNT (customer\_name) from customer\_table;



Q2.Find the total no. of loans from “Loan” relation from each branch.

SELECT COUNT(branch\_name) as total\_no\_of\_loans from loan\_table GROUP BY branch\_name;



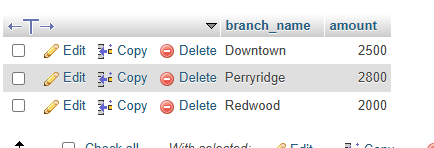
Q3. Find the total amount of loan from “Loan” relation of each branch which amount is greater than 1200.

SELECT branch\_name,SUM(amount) As amount

FROM loan\_table

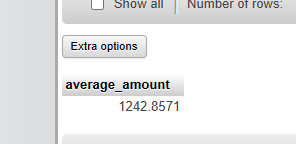
GROUP By branch\_name

Having amount>1200;



Q4. Find the average amount from each branch of “loan” relation.

SELECT AVG(amount)as average\_amount FROM loan\_table;

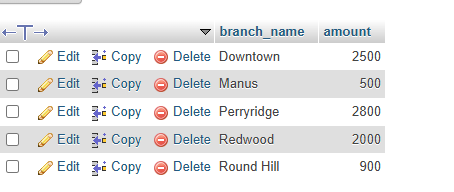


Q5. Find the total amount of each branch from “loan” relation.

SELECT branch\_name,SUM(amount) As amount

FROM loan\_table

GROUP BY branch\_name;



Q6. Find the total number of tuples for loan relation.

SELECT COUNT(\*) As totaltuples from loan\_table;



Q7. Retrieve the names of customers who have taken out loans from more than one branch.

SELECT borrow\_table.customer\_name,borrow\_table.loan\_number,loan\_table.branch\_name FROM borrow\_table,loan\_table WHERE borrow\_table.loan\_number = loan\_table.loan\_number GROUP BY customer\_name HAVING COUNT(DISTINCT branch\_name)>1;

