Rajarata University of Sri Lanka
Faculty of Applied Sciences
Department of Computing
ICT 1407– Database System
ICT1407 -Database Management System
Practical 03

CustomerID	CustomerName	Birthday	Address	City	Occupation
A001	Thilini Dissanayake	8/8/1984	No 68, Alfred Avenue	Colombo	Medical Officer
A002	Amal Kumara	2/15/1994	No 03, Galle Road	Colombo	Software Developer
A003	Dilini Perea	3/13/1996	No 39/A, Temple Road	Nugegoda	Banker
A004	Nimal Perera	5/25/1990	No 45/A, Pagoda Road	Nugegoda	Accountant
A005	Kamal Karunarathne	4/20/1980	No 45, Flower Road	Colombo	Banker

1. Login to MySQL server. (mysql -u root -p)
2. Tee command - set output file. Append everything into a given output file.
   Type the following command.
   TEE /mySQLPractical/Session3/your_indexNo.txt
   E.g.: TEE /mySQLPractical/Session3/3444.txt

3. Create the database “Customer_Details.”
4. Choose appropriate data types and create the above CUSTOMER table.
5. Insert the above data into the table
6. Use DESC command to show the table description.
7. Used SELECT command to show all data that you have inserted.
8. Select the city from the table
9. Select distinct city from the table
   SELECT DISTINCT CITY FROM CUSTOMER;
10. Notice the difference between the results in questions 8 and 9. State the difference that you have noticed in the output file.
11. Type the following command and interpret the result **SELECT COUNT(DISTINCT City) FROM Customers;**
12. Select all the customers from “Colombo" in the "Customers" table. **“WHERE”**
13. select all fields from "Customers" whose occupation is "Banker" OR "Medical Officer."
14. selects all fields from "Customers" where the occupation is NOT "Banker."

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15. select all fields from "Customers" where the city is "Colombo" AND occupation must be "Banker" OR "Software Developer" (use parenthesis to form complex expressions)
16. select all customers from the "Customers" table, sorted by the "Occupation" column (Notice the order)
17. selects all customers from the "Customers" table, sorted DESCENDING by the "Occupation" column.