**Lab 03 – SQL DDL Statements**

**(SELECT, RANGE, ORDER)**

**Submission:**

***Your submission will be a single text-based SQL file with the solutions provided.***

Create a new SQL tab in the MySQL workbench. Save the script as L03\_ID\_LASTNAME.sql

Your submission needs to be commented and include the question and the solutions. Make sure every SQL statement terminates with a semicolon.

**Tasks:**

Q1. Display the information of all offices.

Select \*

From offices;

Q2. Display the employee number for all employees whose office code is 1.

Select distinct employees

Where officeCode = 1;

Q3. Display customer number, customer name, contact first name and contact last name, and phone for all customers in Paris.

Select distinct customerNumber, customerName, contactFirstName,contactLastName,phone

From customers

Where city = ‘Paris’;

Q4. Display customer number for customers who have payments.

Select distinct customerNumber

From payments

Where amount > 0;

Q5. List customer numbers, check number, and amount for customers whose payment amount is not in the range of $30,000 to $65,000. Sort the output by top payments amount first.

Select distinct customerNumber,checkNumber,amount

From payments

Where amount < 30000 and amount > 65000

Order by amount desc;

Q6. Display the order information for all orders that are cancelled.

Select distinct \*

From orders

Where status = ‘Cancelled’;

Q7. Display the information of all products with string ‘***co’*** in their product name. (c and o can be lower or upper case).

Select distinct \*

From products

Where productName =’%co%’;

Q8. Display all customers whose contact first name starts with letter ***s*** (both lowercase and uppercase) and includes letter ***e*** (both lowercase and uppercase).

Select distinct \*

From customers

Where contactFirstName = ‘s%’ and contactFirstName = ‘%e%’;