SQL1 - Assessment

Introduction

This week you will be designing the database for the Food Order App and will create and insert records in the Food Order App database tables.

All the create and insert operations should be performed using **MySQL**. You can use **MySQL Workbench** to write the necessary commands.

You can refer to the **FoodOrderApp_ER Diagram.pdf** and **FoodOrderApp_Database Design Document.pdf** documents provided to understand the basic design of the database. We will only focus on the creation of tables and insertion of records in the tables. The sql files are provided to you.

Housekeeping points

- This is a minimal example and may not follow some standard practices.
- We focus on the main flow, and not much error handling.

Problem Statement

Your task is as follows -

1. **Create tables (FoodOrderApp_DDL Commands.sql file)**
    - As shown in the **FoodOrderApp_ER Diagram.pdf** there are in all 13 tables in the Food Order App. Create commands for the first 3 tables are provided for your reference.
    - You need to create another 10 tables. You can refer to the **FoodOrderApp_Database Design Document.pdf** file to understand the schema of each of these tables.

2. **Insert records (FoodOrderApp_Insert Commands.sql file)**
    - As shown in the **FoodOrderApp_ER Diagram.pdf** there are in all 13 tables in the Food Order App. Insert commands for the first 3 tables are provided for your reference.
    - You need to insert records in another 10 tables. Records to be inserted are provided in the SQL file.

Program Organization

- You will be getting a zip folder containing a folder named **SQL1 Assessment** which has all the required files.
- The **FoodOrderApp_ER Diagram.pdf** and **FoodOrderApp_Database Design Document.pdf** are for your reference which demonstrates the basic design of all the tables of the **food_order_app** database.
- The **FoodOrderApp_DDL Commands.sql file** contains the commands to create the food_order_app database and to create 3 tables in the database. You need to modify this file to complete Task 1.

- The **FoodOrderApp_Insert Commands.sql file** contains the commands to insert records in the first 3 tables in the database. You need to modify this file to complete Task 2.

Evaluation Rubric

Total Project Points: 60

- Correctness:
  Correctness of implementation
  - Problem statement - point 1 (**50%**) : **30 Points**
  - Problem statement - point 2 (**50%**) : **30 Points**

Program Instructions

- The **SQL1 Assessment** folder should have both the SQL files.
- The **SQL1 Assessment** folder should be compressed to zip/rar.
- Project will not be evaluated if the submitted project is not in the zip/rar format.