

DIRECTIONS

This Assignment will require you to understand how to create data manipulation queries using functions. This is an **individual** assignment.

SQL script should be named as follows:

DATA1201_termyear_A3_mybvcusername.sql

CSV files should be named as follows:

DATA1201_termyear_A3_mybvcusername_question.csv

Result compressed files should be named as follows:

DATA1201_termyear_A3_mybvcusername_results.zip

All files (with exception of csv and zip file) should identify the author with the following information:

Course code : DATA1201

Term/Year : TermYear

Assignment code: A3

Author :

BVC username :

Date created : YYYY-MM-DD

Description :

Add a text file to the results file with your identification.

DATA1201_termyear_A3_mybvcusername.txt

Instructions

Setup:

1. Download the “orderDB.sql” file from D2L
2. Create a new Database in the Management Studio (give it any name e.g. “Assignment3”)
3. Open the file in the Management Studio and run the script
4. This will create five tables; customer, supplier, order, product and orderitem
5. Download the “orderData.sql” file from D2L
6. Run the script to create the sample data
7. Use the Management studio to explore the tables and the data

Queries:

- Q1:** List all orders with customer information.
- Q2:** List all orders with product names, quantities, and prices
- Q3:** List all customers, whether they placed any order or not.
- Q4:** List all customers, who placed an order.
- Q5:** List all contacts, i.e., suppliers and customers.
- Q6:** List products with order quantities greater than 50.
- Q7:** List all customers with their total number of orders.
- Q8:** List products with order quantities greater than 100.
- Q9:** What is the total number of customers
- Q10:** Compute the total amount sold in 2014
- Q11:** Compute the average size of all orders
- Q12:** Copy all suppliers from USA to a new SupplierUSA table.

Rubric (Out of 100 total Marks (10%))

Question	Mark
1	5
2	5
3	10
4	10
5	10
6	10
7	10
8	10
9	5
10	10
11	5
12	10

Queries will be evaluated based on readability, correctness, completeness, code convention, code structure. Query must produce correct result in order to qualify for marks.
Script must run without errors.

Penalty for missing requirements/instructions: 5% for each infraction.
Submissions to the wrong assignment D2L dropbox will be ignored.
File(s) with wrong name and/or format/extension will be ignored and will not receive marks.
Evidence of code generation will result in 0 (zero) for the whole assignment.
Failure to properly disclose your sources will negatively affect your mark. Penalty starts at 10%.
File submissions are not accepted after the assignment submission end date.
Submissions to the wrong assignment D2L dropbox will be ignored.

**If any part of the assignment is deemed to be not original (plagiarized)
EVERYBODY involved will receive 0 (zero).**

***** end of assignment**