

In class Lab Assignment

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**Course Code: CSDD1007**

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By submitting this assignment, you confirm that you alone have contributed to this submission. Any suspicion of copying or plagiarism in this work will result in an investigation of Academic Misconduct and may result in a “0” on the work, an “0" in the course, or possibly more severe penalties as well as a Disciplinary Notice on your academic record under the Student Code of Academic Conduct, which can be found online at:<https://www.loyalistcollege.com/about-loyalist/policies/aop-216-academic-honesty/>

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| --- | --- |
| Is this my best effort? |  |
| Has the spelling been checked? |  |
| Is the references section correct? |  |
| Is all cited material referenced? |  |
| include screen shots |  |
| is the code included cover the requirements |  |
| Is the code runnable/executable |  |
| Are there any materials that you have not cited? (Should therefore be expunged). |  |
| Describe the output meanings |  |
| Is the word length, OK? |  |
| Have I checked for spelling and grammar? |  |
| Is your name, student number, instructor’s name and course code on the title page? |  |
| Explanation of the used Menu Options / functions . |  |
| Are Measures/Dimensions explained with enough details. |  |
| Is the output graphs match the developed codes |  |
| X, Y labels are defined and titled in the graph correctly |  |
| Did I check the whole checklist? |  |
| Layout in general acceptable – you need to consider sections. |  |

# Assignment Submission Checklist

Creating tables by executing queries

1st Query

create table customer(

CustomerId int AUTO\_INCREMENT,

CustomerName varchar(40) UNIQUE,

phone varchar(20) NULL,

PRIMARY KEY(CustomerId)

);

2nd Query

create table Orders(

OrderId int AUTO\_INCREMENT,

OrderNumber varchar(10) NULL UNIQUE,

CustomerId int,

OrderDate datetime,

TotalAmount decimal(12,2),

PRIMARY KEY(OrderId),

FOREIGN KEY(CustomerId) REFERENCES customer(CustomerId)

);

3rd Query

CREATE TABLE Supplier(

SupplierId int AUTO\_INCREMENT,

CompanyName varchar(40),

Phone varchar(20) UNIQUE NULL,

PRIMARY KEY(SupplierId) );

4th Query

Create table Product(

ProductId int AUTO\_INCREMENT,

ProductName varchar(50) UNIQUE,

SupplierId int UNIQUE,

UnitPrice decimal(12,2) NULL,

IsDiscontinued bit,

PRIMARY KEY(ProductId),

FOREIGN KEY(SupplierId) REFERENCES supplier(SupplierId)

);

5th Query

CREATE table OrderItem(

OrderId int PRIMARY KEY,

ProductId int UNIQUE,

UnitPrice decimal(12,2),

Quantity int,

FOREIGN KEY(OrderId) REFERENCES orders(OrderId),

FOREIGN KEY(ProductId) REFERENCES product(ProductId)

 );

Firstly we will execute all the five queries which will create the tables and relationship between the tables . Secondly we will use Designer which will create ERD(Entity Relationship Diagram) in phpmyadmin.

**The Entity Relationship Diagram**

