**MIS Homework 3: MySQL**

**Question 1)**

Based on the plumbing supply store database create a MySQL database:

* Database name: plumbing

|  |  |
| --- | --- |
| **MS Access Table** | **MySQL Table** |
| CUSTOMER | customer |
| ORDERDETAIL | orderdetail |
| ORDERS | orders |
| PRODUCT | product |

**Question 2)**

Write SQL queries that display the following information:

Query 1) for each customer show minimum unit in stock and maximum unit on order of the product they bought.

**select**

**c.FirstName as first\_name,**

**c.LastName as last\_name,**

**MIN(p.UnitsInStock) AS Min\_UnitInStock,**

**MAX(p.UnitsOnOrder) AS Max\_UnitOnOrder**

**from customer as c**

**join orders as o on o.CustomerID = c.CustomerID**

**join orderdetail as d on d.OrderID = o.OrderID**

**join product as p on p.ProductID = d.ProductID**

**group by c.CustomerID, c.FirstName, c.LastName;**

Query 2) shows first name and last name of all customers who placed more than 2 orders

Query 3) Show first name and last name of the customer as well as average of unit price that each customers has paid.