SQL Queries

a) Create a table "**Product**" with the following fields

Product_id – int, primary key, identity field

Product_code – varchar(10)

Product_Name – varchar(255)

Product_Desc– varchar(255)

Manufacturer – varchar(255)

Unit_Price - Decimal(9,2)

Units_In_Stock- Int

b) Create a table "**Customer**" with the following fields

Customer _id – int, primary key, identity field

CustomerName – varchar(255)

Address – varchar(255)

ContactNumber – varchar(255)

CompanyName – varchar(255)

c) Create a table "**Orders**" with the following fields

Orders _id – int, primary key, identity field

Customer _id – int, foreign Key

Product_id – int, foreign Key

Units_Ordered **– int**

Order_Date – DateTime

d) Insert appropriate data to each of the table(Min 5 records)
e) Write queries for the following
    a. Select all product details
    b. Select all Products whose manufacturer is 'Hindustan Lever Limited'
    c. Select all orders done in last one month and display in the format : Product_Name, Customer_Name, Company_Name, Order_Date.
    d. Select all customers who have ordered for more than 10 items and order by order count

e. Insert Product_Name, Customer_Name, Company_Name, Order_Date into another table
f. Find average Unit_Price for product of 'Hindustan Lever Limited'
g. Find the maximum and minimum Unit_Price for product of 'Hindustan Lever Limited'
h. Alter Table to add column Total_Price to **Orders table**
i. **Update Orders table to calculate the Total_Price**
j. Alter Table to drop column Total_Price from **Orders table**
k. Delete records from **Product table where Unit in stock is 0**
l. Alter table to change CompanyName from varchar(255) to varchar(125)
m. Select all customers having a total order of less than 5000 rupees and display in the format Customer_Name, Company_Name, Total_Order_Amount
n. Select all customers and display their total number of order. (Should display as 0 if a customer has not made any orders)

f) Write Stored procedures for the following
   a) Select all Product_Name, Customer_Name, Company_Name, Order_Date
   b) Insert data to orders table. SP should except params @customerid, @productid, @unitsordered, @orderdate
   c) Update data in product table. SP should except params @productid, , @unitsinstock
   d) To update the unit_price of the product whose product_id is 1. If Unit_in_stock is greater than 1000, then decrease by 10% else decrease by 5%(Use If Else statement in SP)