CSE3104 Database Lab

Instructions:- Attach the **MyCompany_mdf** file to access the **"My Company"** database, which contains the tables like Customers, Orders, OrderItems, Products, and ProductTypes and solve the following queries in SQL.

1. Select products that have a price greater than $30.
2. Select records where ProductTypeID is NOT EQUAL to 2.
3. Select records where Orders were between a specific date range from 1/10/2006 to 1/13/2006 (use only AND clause).
4. Calculate the total tax collected from all orders.
5. Calculate the total number of orders in the database.
6. Display the regular price of all products and the price less a $5 discount (use AS keyword to give a heading like Regular Price and Sale Price).*
7. Display the most expensive item. *
8. Display the average cost of all the items.
9. Find the records that have the first name started with the letter 'J' .
10. Only select those customers that are in one of the lists of possibilities (State Province 'IL','KS' or 'PA')
11. Order the customers by their last name.
12. Calculate the total amounts paid by each customer for shipping.*
13. Calculate the total amounts paid by each customer for shipping only if the customer has purchased three or more times.*
14. List only the first three customers.
15. Calculate the maximum tax paid by each customer.*

Note: * marked questions will carry more marks.