Day 2 ASSIGNMENT

**Do it yourself:**

Create a Table **orders** to store Order details as shown below and write statements for following queries based on the table.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **ord\_no** | **purch\_amt** | **ord\_date** | **customer\_id** | **salesman\_id** |
| 70001 | 150.5 | 05-10-2012 | 3005 | 5002 |
| 70009 | 270.65 | 10-09-2012 | 3001 | 5005 |
| 70002 | 65.26 | 05-10-2012 | 3002 | 5001 |
| 70004 | 110.5 | 17-08-2012 | 3009 | 5003 |
| 70007 | 948.5 | 10-09-2012 | 3005 | 5002 |
| 70005 | 2400.6 | 27-07-2012 | 3007 | 5001 |
| 70008 | 5760 | 10-09-2012 | 3002 | 5001 |
| 70010 | 1983.43 | 10-10-2012 | 3004 | 5006 |
| 70003 | 2480.4 | 10-10-2012 | 3009 | 5003 |
| 70012 | 250.45 | 27-06-2012 | 3008 | 5002 |
| 70011 | 75.29 | 17-08-2012 | 3003 | 5007 |
| 70013 | 3045.6 | 25-04-2012 | 3002 | 5001 |

1. Consider the **order** table and write SQL command to get the following.
   1. write a SQL query to calculate total purchase amount of all orders. Return total purchase amountWrite a query to display details of employs who are not getting commission?
   2. write a SQL query to calculate the average purchase amount of all orders. Return average purchase amount.
   3. write a SQL query that counts the number of unique salespeople. Return number of salespeople
   4. write a SQL query to find the maximum purchase amount.
   5. write a SQL query to find the minimum purchase amount.
   6. write a SQL query to find the highest purchase amount ordered by each customer. Return customer ID, maximum purchase amount.
   7. write a SQL query to find the highest purchase amount ordered by each customer on a particular date. Return, order date and highest purchase amount.
   8. write a SQL query to determine the highest purchase amount made by each salesperson on '2012-08-17'. Return salesperson ID, purchase amount.
   9. write a SQL query to find the highest order (purchase) amount by each customer on a particular order date. Filter the result by highest order (purchase) amount above 2000.00. Return customer id, order date and maximum purchase amount.
   10. write a SQL query to count the number of orders based on the combination of each order date and salesperson. Return order date, salesperson id.