Assignment –4

Retrieving Information from Tables.

1) Write a select command that produces the order number, amount, and date for all rows in the Orders table.

   Select Onum,Amt,Odate from Orders;

```
W1_89793_Saurabh>Select Onum,Amt,Odate from Orders;
+------+---------+------------+
| Onum | Amt     | Odate      |
+------+---------+------------+
| 3001 |   18.69 | 1990-10-03 |
| 3003 |  767.19 | 1990-10-03 |
| 3002 | 1900.10 | 1990-10-03 |
| 3005 | 5160.45 | 1990-10-03 |
| 3006 | 1098.16 | 1990-10-03 |
| 3009 | 1713.23 | 1990-10-04 |
| 3007 |   75.75 | 1990-10-04 |
| 3008 | 4723.00 | 1990-10-05 |
| 3010 | 1309.95 | 1990-10-06 |
| 3011 | 9891.88 | 1990-10-06 |
+------+---------+------------+
10 rows in set (0.00 sec)
```

2) Write a query that produces all rows from the Customers table for which the salesperson's number is 1001.

   Select * from Customers Where Snum = 1001;

```
W1_89793_Saurabh>Select * from Customers
    -> where snum = 1001;
+------+---------+--------+--------+------+
| Cnum | Cname   | City   | Rating | Snum |
+------+---------+--------+--------+------+
| 2001 | Hoffman | London |    100 | 1001 |
| 2006 | Clemens | London |    100 | 1001 |
+------+---------+--------+--------+------+
2 rows in set (0.00 sec)
```

3) Write a query that displays the Salespeople table with the columns in the following order: city, sname, snum, comm.

   Select City, sname, Snum, Comm from Salespeople
   Order by city, sname,Snum, Comm;

```
W1_89793_Saurabh>Select City, sname, Snum, Comm from Salespeople
    -> Order by city, sname,Snum, Comm;
+-----------+---------+------+------+
| City      | sname   | Snum | Comm |
+-----------+---------+------+------+
| Barcelona | Rifkin  | 1007 | 0.15 |
| London    | Motika  | 1004 | 0.11 |
| London    | Peel    | 1001 | 0.12 |
| New York  | Axelrod | 1003 | 0.10 |
| San Jose  | Serres  | 1002 | 0.13 |
+-----------+---------+------+------+
5 rows in set (0.00 sec)
```

4) Write a select command that produces the rating followed by the name of each customer in San Jose.

Select Rating, Cname from customers
where city = 'San Jose'
Order by Rating, Cname;

```
W1_89793_Saurabh>Select Rating, Cname from customers
    -> where city = 'San Jose'
    -> Order by Rating, Cname;
+--------+----------+
| Rating | Cname    |
+--------+----------+
|    200 | Liu      |
|    300 | Cisneros |
+--------+----------+
2 rows in set (0.00 sec)
```

5) Write a query that will produce the snum values of all salespeople (suppress the duplicates) with orders in the Orders table.

Select distinct snum from orders;

```
W1_89793_Saurabh>Select distinct snum from orders;
+------+
| snum |
+------+
| 1007 |
| 1001 |
| 1004 |
| 1002 |
| 1003 |
+------+
5 rows in set (0.00 sec)
```