Assignment-5

1) Write a query that will give you all orders for more than Rs. 1,000.

```
KD2-SATYAJEET-86740@>select * from orders where Amt>1000;
+-------+---------+------------+-------+-------+
| Onum  | Amt     | Odate      | Cnum  | Snum  |
+-------+---------+------------+-------+-------+
| 3002  | 1900.10 | 1990-10-03 | 2007  | 1004  |
| 3005  | 5160.45 | 1990-10-03 | 2003  | 1002  |
| 3006  | 1098.16 | 1990-10-03 | 2008  | 1007  |
| 3009  | 1713.23 | 1990-10-04 | 2002  | 1003  |
| 3008  | 4723.00 | 1990-10-05 | 2006  | 1001  |
| 3010  | 1309.95 | 1990-10-06 | 2004  | 1002  |
| 3011  | 9891.88 | 1990-10-06 | 2006  | 1001  |
+-------+---------+------------+-------+-------+
7 rows in set (0.01 sec)

KD2-SATYAJEET-86740@>
```

2)Write a query that will give you the names and cities of all salespeople in London with a commission above .10.

```
KD2-SATYAJEET-86740@>select Sname, City from salespeople where City='London' and Comm > 0.10;
+--------+--------+
| Sname  | City   |
+--------+--------+
| Peel   | London |
| Motika | London |
+--------+--------+
2 rows in set (0.00 sec)

KD2-SATYAJEET-86740@>
```

3) Write a query on the Customers table whose output will exclude all customers with a rating <= 100, unless they are located in Rome.

```
KD2-SATYAJEET-86740@>select * from customers where rating >100 and city ='ROME';
+-------+----------+-------+--------+-------+
| Cnum  | Cname    | City  | Rating | Snum  |
+-------+----------+-------+--------+-------+
| 2002  | Giovanni | Rome  |    200 | 1003  |
+-------+----------+-------+--------+-------+
1 row in set (0.00 sec)

KD2-SATYAJEET-86740@>
```

4) What will be the output from the following query?
Select * from Orders
where (amt < 1000 OR
NOT (odate = '1990-10-03' AND cnum > 2003));

```
KD2-SATYAJEET-86740@> select * from Orders where (Amt<1000 or not (Odate = '1990-10-03' and Cnum > 2003));
+------+---------+------------+------+------+
| Onum | Amt     | Odate      | Cnum | Snum |
+------+---------+------------+------+------+
| 3001 |   18.69 | 1990-10-03 | 2008 | 1007 |
| 3003 |  767.19 | 1990-10-03 | 2001 | 1001 |
| 3005 | 5160.45 | 1990-10-03 | 2003 | 1002 |
| 3009 | 1713.23 | 1990-10-04 | 2002 | 1003 |
| 3007 |   75.75 | 1990-10-04 | 2004 | 1002 |
| 3008 | 4723.00 | 1990-10-05 | 2006 | 1001 |
| 3010 | 1309.95 | 1990-10-06 | 2004 | 1002 |
| 3011 | 9891.88 | 1990-10-06 | 2006 | 1001 |
+------+---------+------------+------+------+
8 rows in set (0.00 sec)

KD2-SATYAJEET-86740@>
```

5)

What will be the output of the following query?
Select * from Orders
where NOT ((odate = '1990-10-03' OR snum
>1006) AND amt >= 1500);

```
KD2-SATYAJEET-86740@>select * from orders where not ((odate='1990-10-03' or snum > 1006) and amt >=1500);
+------+---------+------------+------+------+
| Onum | Amt     | Odate      | Cnum | Snum |
+------+---------+------------+------+------+
| 3001 |   18.69 | 1990-10-03 | 2008 | 1007 |
| 3003 |  767.19 | 1990-10-03 | 2001 | 1001 |
| 3006 | 1098.16 | 1990-10-03 | 2008 | 1007 |
| 3009 | 1713.23 | 1990-10-04 | 2002 | 1003 |
| 3007 |   75.75 | 1990-10-04 | 2004 | 1002 |
| 3008 | 4723.00 | 1990-10-05 | 2006 | 1001 |
| 3010 | 1309.95 | 1990-10-06 | 2004 | 1002 |
| 3011 | 9891.88 | 1990-10-06 | 2006 | 1001 |
+------+---------+------------+------+------+
8 rows in set (0.00 sec)

KD2-SATYAJEET-86740@>
```

6)

Select snum, sname, city, comm From Salespeople where (comm > .12 OR comm <.14);

```
KD2-SATYAJEET-86740@>select * from salespeople where comm between 0.12 and 0.14;
+------+--------+----------+------+
| Snum | Sname  | City     | Comm |
+------+--------+----------+------+
| 1002 | Serres | San Jose | 0.13 |
+------+--------+----------+------+
1 row in set (0.00 sec)

KD2-SATYAJEET-86740@>
```