

Assignment no. 5

Q1 Write a query that will give you all orders for more than Rs. 1,000

→select * from orders where Amt>1000;

```
KD3_86704_Mayur@>select * from orders where Amt>1000;
+-----+-----+-----+-----+-----+
| Onum | Amt   | Odate   | Cnum | Snum |
+-----+-----+-----+-----+-----+
| 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 |
+-----+-----+-----+-----+-----+
6 rows in set (0.01 sec)

KD3_86704_Mayur@>
```

Q2 Write a query that will give you the names and cities of all salespeople in London with a commission above .10.

→select Sname,City from salespeople where Comm>.10 and City='London';

```
KD3_86704_Mayur@>select Sname,City from salespeople where Comm>.10 and City='London';
+-----+-----+
| Sname | City |
+-----+-----+
| Peel  | London |
| Motika | London |
+-----+-----+
2 rows in set (0.00 sec)

KD3_86704_Mayur@>
```

Q3) Write a query on the Customers table whose output will exclude all customers with a rating <= 100, unless they are located in Rome.

→select * from customers where Rating >100 and City ='Ro

me';

```
KD3_86704_Mayur@>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)

```
KD3_86704_Mayur@>
```

Q4) What will be the output from the following query? Select * from Orders where (amt < 1000 OR NOT (odate = '1990-10-03' AND cnum > 2003));

→select * from Orders where (amt<1000 OR NOT(odate='1990-10-03' AND cnum>2003));

```
KD3_86704_Mayur@>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
3002	767.19	1990-10-03	2007	1004
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

9 rows in set (0.01 sec)

```
KD3_86704_Mayur@>
```

Q5) What will be the output of the following query? Select * from Orders where NOT ((odate = '1990-10-03' OR snum >1006) AND amt >= 1500);

➔ Select * from orders where NOT ((odate='1990-10-03' OR snum >1006) AND amt >=1500);

```
KD3_86704_Mayur@>Select * from orders where NOT ((odate='1990-10-03' OR snum >1006) AND a  
mt>=1500);
```

Onum	Amt	Odate	Cnum	Snum
3001	18.69	1990-10-03	2008	1007
3003	767.19	1990-10-03	2001	1001
3002	767.19	1990-10-03	2007	1004
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

```
9 rows in set (0.00 sec)
```

```
KD3_86704_Mayur@>
```

Q6) What is a simpler way to write this query? Select snum, sname, city, comm From Salespeople where (comm > .12 OR .14 comm);

→select * from salespeople where Comm between 0.12 AND 0.14;

```
KD3_86704_Mayur@>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)
```

```
KD3_86704_Mayur@>
```