

## Assignment No 5:

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

->select \* from orders where Amt>1000;

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

->select snum,city from salespeople where comm<10;

3) 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='Rome';

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));

```
D5_Bhushan_83923>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
3009	1713.23	1990-10-04	2002	1003

9 rows in set (0.00 sec)

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);

```
D5_Bhushan_83923>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
3009	1713.23	1990-10-04	2002	1003

9 rows in set (0.01 sec)

6)

What is a simpler way to write this query?

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

```
D5_Bhushan_83923>Select snum, sname, city, comm From salespeople where (comm > .12 OR comm <.14);
```

snum	sname	city	comm
1001	Peel	London	0.12
1002	Serres	San Jose	0.13
1004	Motika	London	0.11
1007	Rifkin	Barcelona	0.15
1007	Axelrod	New York	0.10
1004	Motika	London	0.11

6 rows in set (0.01 sec)

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