

Assignment –5
Relational and Logical Operators.

- 1) Write a query that will give you all orders for more than Rs. 1,000.
ANS:- 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.
ANS:- select sname,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.
ANS:- SELECT * FROM customers where RATING>100 OR CITY='Rome';
- 4) What will be the output from the following query?

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

ANS:-

ONUM	AMT	ODATE	CNUM	SNUM
304	0	10/04/1990	2005	1006
3005	5160.45	10/03/1990	2003	1002
3005	5160.45	10/03/1990	2003	1002
3005	5160.45	10/03/1990	2003	1002
3009	1713.23	10/04/1990	2002	1003
3009	1713.23	10/04/1990	2002	1003
3010	100	03/10/1990	2004	1300
3005	5160.45	10/03/1990	2003	1002
3009	1713.23	10/04/1990	2002	1003
3009	1713.23	10/04/1990	2002	1003

10 rows returned in 0.00
seconds

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5) What will be the output of the following query?

```
Select * from Orders
where NOT ((odate = '03-OCT-1990' OR snum
>1006) AND amt >= 1500);
```

ANS:-

ONUM	AMT	ODATE	CNUM	SNUM
304	0	10/04/1990	2005	1006
3009	1713.23	10/04/1990	2002	1003
3009	1713.23	10/04/1990	2002	1003
3010	100	03/10/1990	2004	1300
3009	1713.23	10/04/1990	2002	1003
3009	1713.23	10/04/1990	2002	1003

6 rows returned in 0.00
seconds

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6) What is a simpler way to write this query?

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

ANS:- Select snum, sname, city, comm From Salespeople;