

Neha Khomane (93236)

Assignment –6

*****Using Special Operators in Conditions*****

- 1) Write two different queries that would produce all orders taken on October 3rd or 4th, 1990.

```
W3_93236_Neha>select * from ORDERS where Odate="1990-10-03" OR Odate="1990-10-04";
```

Onum	Amt	Odate	Cnum	Snum
1007	75.75	1990-10-04	2004	1002

```
W3_93236_Neha>select * from ORDERS where odate IN ('1990-10-03','1990-10-04');
```

Onum	Amt	Odate	Cnum	Snum
1007	75.75	1990-10-04	2004	1002

1 row in set (0.00 sec)

- 2) Write a query that selects all of the customers serviced by Peel or Motika.
(Hint: the snum field relates the two tables to one another).

```
W3_93236_Neha>SELECT * FROM CUSTOMERS WHERE Snum IN (SELECT Snum FROM SALESPeOPLE WHERE Sname IN('Peel','Motika'));
```

Cnum	Cname	City	Rating	Snum
2001	Hoffman	London	100	1001
2006	Clemens	London	100	1001
2007	Pereira	Rome	100	1004

3 rows in set (0.00 sec)

```
W3_93236_Neha>SELECT * FROM CUSTOMERS WHERE Snum =ANY (SELECT Snum FROM SALESPeOPLE WHERE Sname IN('Peel','Motika'));
```

Cnum	Cname	City	Rating	Snum
2001	Hoffman	London	100	1001
2006	Clemens	London	100	1001
2007	Pereira	Rome	100	1004

- 3) Write a query that will produce all the customers whose names begin with a letter from 'A' to 'G'.

```
W3_93236_Neha>SELECT * FROM CUSTOMERS WHERE Cname BETWEEN 'A' AND 'G';
```

Cnum	Cname	City	Rating	Snum
2006	Clemens	London	100	1001
2008	Cesneros	SanJose	300	1007

2 rows in set (0.00 sec)

- 4) Write a query that selects all customers whose names begin with the letter 'C'.

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```
W3_93236_Neha>SELECT * FROM CUSTOMERS WHERE Cname LIKE 'C%';
```

Cnum	Cname	City	Rating	Snum
2006	Clemens	London	100	1001
2008	Cesneros	SanJose	300	1007

2 rows in set (0.00 sec)

5) Write a query that selects all orders except those with zeroes or NULLs in the amt field.

```
W3_93236_Neha>SELECT *FROM ORDERS WHERE Amt IS NOT NULL AND Amt<>0;
```

Onum	Amt	Odate	Cnum	Snum
3001	18.69	1990-03-10	2008	1007
3003	767.19	1990-03-10	2001	1001
3002	1900.10	1990-03-10	2007	1004
3005	5160.45	1990-03-10	2003	1002
3006	1098.16	1990-03-10	2008	1007
3009	1713.13	1990-04-10	2002	1003
1007	75.75	1990-10-04	2004	1002
3008	4723.00	1990-05-10	1006	1001
3010	1309.95	1990-06-10	2004	1002
3011	9891.88	1990-06-10	2006	1001