

Assignment No : 6

Using Special Operators in Conditions :

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

```
W2_87323_Dhanashri>select * from orders where odate = "1990-08-03" or odate = "1990-08-04";
```

Onum	Amt	Odate	Cnum	Snum
3001	18.69	1990-08-03	2008	1007
3003	767.19	1990-08-03	2001	1001
3002	1900.10	1990-08-03	2007	1004
3005	5160.45	1990-08-03	2003	1002
3006	1098.16	1990-08-03	2008	1007
3009	1713.23	1990-08-04	2002	1003
3007	75.75	1990-08-04	2004	1002

7 rows in set (0.01 sec)

```
W2_87323_Dhanashri>select * from orders where odate in ( "1990-08-03","1990-08-04");
```

Onum	Amt	Odate	Cnum	Snum
3001	18.69	1990-08-03	2008	1007
3003	767.19	1990-08-03	2001	1001
3002	1900.10	1990-08-03	2007	1004
3005	5160.45	1990-08-03	2003	1002
3006	1098.16	1990-08-03	2008	1007
3009	1713.23	1990-08-04	2002	1003
3007	75.75	1990-08-04	2004	1002

7 rows 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).

```
W2_87323_Dhanashri>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 (0.01 sec)

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

```
W2_87323_Dhanashri>select * from customers where cname >='A' and  cname <='G';
+-----+-----+-----+-----+-----+
| Cnum | Cname   | City    | Rating | Snum |
+-----+-----+-----+-----+-----+
| 2006 | Clemens | London  | 100    | 1001 |
| 2008 | Cisneros| San Jose| 300    | 1007 |
+-----+-----+-----+-----+-----+
2 rows in set (0.00 sec)
```

```
W2_87323_Dhanashri>select * from customers where cname BETWEEN 'A' AND 'G';
+-----+-----+-----+-----+-----+
| Cnum | Cname   | City    | Rating | Snum |
+-----+-----+-----+-----+-----+
| 2006 | Clemens | London  | 100    | 1001 |
| 2008 | Cisneros| San Jose| 300    | 1007 |
+-----+-----+-----+-----+-----+
2 rows in set (0.01 sec)
```

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

```
W2_87323_Dhanashri>select * from customers where cname like 'C%';
+-----+-----+-----+-----+-----+
| Cnum | Cname   | City    | Rating | Snum |
+-----+-----+-----+-----+-----+
| 2006 | Clemens | London  | 100    | 1001 |
| 2008 | Cisneros| San Jose| 300    | 1007 |
+-----+-----+-----+-----+-----+
2 rows in set (0.01 sec)
```

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

```
W2_87323_Dhanashri>select * from orders WHERE Amt IS NOT NULL AND Amt <> 0;
+-----+-----+-----+-----+-----+
| Onum | Amt      | Odate      | Cnum | Snum |
+-----+-----+-----+-----+-----+
| 3001 | 18.69    | 1990-08-03 | 2008 | 1007 |
| 3003 | 767.19   | 1990-08-03 | 2001 | 1001 |
| 3002 | 1900.10  | 1990-08-03 | 2007 | 1004 |
| 3005 | 5160.45  | 1990-08-03 | 2003 | 1002 |
| 3006 | 1098.16  | 1990-08-03 | 2008 | 1007 |
| 3009 | 1713.23  | 1990-08-04 | 2002 | 1003 |
| 3007 | 75.75    | 1990-08-04 | 2004 | 1002 |
| 3008 | 4723.00  | 1990-08-05 | 2006 | 1001 |
| 3010 | 1309.95  | 1990-08-06 | 2004 | 1002 |
| 3011 | 9891.88  | 1990-08-06 | 2006 | 1001 |
+-----+-----+-----+-----+-----+
10 rows in set (0.00 sec)
```