## **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";
                   0date
                                 Cnum
 Onum
                                         Snum
  3001
           18.69
                    1990-08-03
                                 2008
                                         1007
          767.19
  3003
                    1990-08-03
                                 2001
                                         1001
         1900.10
  3002
                    1990-08-03
                                 2007
                                         1004
  3005
         5160.45
                    1990-08-03
                                 2003
                                         1002
                                         1007
  3006
         1098.16
                    1990-08-03
                                 2008
  3009
         1713.23
                    1990-08-04
                                 2002
                                         1003
  3007
           75.75
                   1990-08-04
                                 2004
                                         1002
 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
                   1990-08-03
           18.69
                                 2008
                                         1007
  3001
          767.19
                    1990-08-03
  3003
                                 2001
                                         1001
  3002
         1900.10
                    1990-08-03
                                 2007
                                         1004
         5160.45
  3005
                   1990-08-03
                                 2003
                                         1002
  3006
         1098.16
                    1990-08-03
                                 2008
                                         1007
         1713.23
  3009
                    1990-08-04
                                 2002
                                         1003
 3007
           75.75
                   1990-08-04
                                 2004
                                         1002
 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';
                    City
                                Rating
  Cnum
         Cname
                                         Snum
  2006
                                         1001
         Clemens
                    London
                                   100
  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';
                    City
                                Rating
  Cnum
         Cname
                                         Snum
  2006
                    London
                                   100
                                         1001
         Clemens
  2008
         Cisneros
                    San Jose
                                   300
                                         1007
 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%';
                     City
  Cnum
         Cname
                                Rating
                                          Snum
  2006
         Clemens
                     London
                                    100
                                          1001
  2008
         Cisneros
                     San Jose
                                    300
                                          1007
 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
                    Odate
                                  Cnum
                                         Snum
           18.69
                    1990-08-03
                                  2008
                                         1007
  3001
          767.19
  3003
                    1990-08-03
                                  2001
                                         1001
         1900.10
                    1990-08-03
  3002
                                  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
           75.75
                    1990-08-04
                                         1002
  3007
                                  2004
  3008
         4723.00
                    1990-08-05
                                         1001
                                  2006
  3010
         1309.95
                    1990-08-06
                                  2004
                                         1002
         9891.88
                    1990-08-06
                                  2006
                                         1001
  3011
10 rows in set (0.00 sec)
```