## <u>Assignment –6</u> Using Special Operators in Conditions.

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

## Query 1:

select \* from orders

where Odate = '1990-10-03' or Odate = '1990-10-04';

D3_93024_Abhishek>select * from orders -> where Odate = '1990-10-03' or Odate = '1990-10-04								
Onum	Amt	Odate	Cnum	Snum				
3001   3003   3002   3005   3006   3009   3007	18.69 767.19 1900.10 5160.45 1098.16 1713.23	1990-10-03 1990-10-03 1990-10-03 1990-10-03 1990-10-03 1990-10-04	2008 2001 2007 2003 2008 2002 2004	1007 1001 1004 1002 1007 1003				
<pre>++ 7 rows in set (0.01 sec)</pre>								

## Query 2:

select \* from orders

-> where Odate between '1990-10-03' and '1990-10-04';

```
D3_93024_Abhishek>select * from orders
                                           and '1990-10-04'
                             '1990-10-03'
       where Odate between
 Onum
         Amt
                    0date
                                          Snum
                                  Cnum
  3001
           18.69
                    1990-10-03
                                  2008
                                          1007
                    1990-10-03
  3003
          767.19
                                  2001
                                          1001
  3002
         1900.10
                    1990-10-03
                                  2007
                                          1004
  3005
         5160.45
                    1990-10-03
                                  2003
                                          1002
         1098.16
                    1990-10-03
                                  2008
  3006
                                          1007
  3009
         1713.23
                    1990-10-04
                                  2002
                                          1003
  3007
                    1990-10-04
                                  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).

Query : select \* from customers

-> where Snum = 1001 or Snum = 1004;

D3_93024_Abhishek>select * from customers -> where Snum = 1001 or Snum = 1004; ++							
Cnum	Cname	City	Rating	Snum			
2001 2006 2007	Hoffman   Clemens   Pereira	London London Rome	100 100 100	1001     1001     1004			
+++							

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

Query:

select \* from customers

-> where cname >='A' and cname <'H';

```
D3_93024_Abhishek>select * from customers
                           and cname <'H';
       where cname >='A'
                                           Snum
                     City
                                 Rating
         Cname
  2002
         Giovanni
                     Rome
                                     200
                                           1003
  2004
                     Berlin
                                           1002
         Grass
                                     300
  2006
                     London
                                     100
                                           1001
         Clemens
  2008
         Cisneros
                     San Jose
                                     300
                                           1007
 rows in set (0.00 sec)
```

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

select \* from customers

-> where Cname like 'C%';

D3_93024_Abhishek>select * from customers -> where Cname like 'C%';						
:	Cname			Snum		
•	Clemens Cisneros	San Jose	300			
++++++++ 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.

Query:

select \* from orders

-> where Amt not like '0%' or amt != null;

```
D3_93024_Abhishek>select * from orders
       where Amt not like
                             ' ७% '
                                  or amt
                                          != null;
                     0date
          Amt
                                   Cnum
                                           Snum
  Onum
                                    2008
  3001
            18.69
                     1990-10-03
                                           1007
  3003
           767.19
                                    2001
                                           1001
                     1990-10-03
  3002
          1900.10
                                   2007
                                           1004
                     1990-10-03
  3005
          5160.45
                     1990-10-03
                                    2003
                                           1002
  3006
          1098.16
                     1990-10-03
                                    2008
                                           1007
          1713.23
                                    2002
  3009
                     1990-10-04
                                           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
10 rows in set (0.00 sec)
```