SQL Assignment - 6

Using Special Operators in Conditions.

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

```
D1_86939_Prajwal>select * from orders where Odate = '1990-10-03' or Odate = '1990-10-04';
  Onum
         Amt
                    0date
                                 Cnum
                                         Snum
                    1990-10-03
  3001
           18.69
                                  2008
                                         1007
                    1990-10-03
  3003
          767.19
                                  2001
                                         1001
  3002
         1900.10
                    1990-10-03
                                  2007
                                         1004
         5160.45
  3005
                    1990-10-03
                                  2003
                                         1002
         1098.16
                    1990-10-03
                                         1007
  3006
                                  2008
         1713.23
                    1990-10-04
                                  2002
  3009
                                         1003
           75.72
                    1990-10-04
  3007
                                  2004
                                         1002
 rows in set (0.00 sec)
```

```
D1_86939_Prajwal>select * from orders where Odate between '1990-10-03' and '1990-10-04';
  Onum
         Amt
                    0date
                                  Cnum
                                         Snum
           18.69
                    1990-10-03
  3001
                                  2008
                                         1007
                                  2001
  3003
          767.19
                    1990-10-03
                                         1001
         1900.10
  3002
                    1990-10-03
                                  2007
                                         1004
  3005
         5160.45
                    1990-10-03
                                  2003
                                         1002
         1098.16
                    1990-10-03
  3006
                                  2008
                                         1007
                    1990-10-04
         1713.23
  3009
                                  2002
                                         1003
                    1990-10-04
  3007
           75.72
                                  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).

```
D1_86939_Prajwal>select * from customers where snum in(select snum from salespeople where sna
me = 'Peel' or sname = 'Motika');
                    City
                             Rating
  Cnum
         Cname
                                      Snum
  2001
         Hoffman
                    London
                                100
                                       1001
                    London
                                      1001
  2006
         Clemens
                                100
  2007
         Pereira
                    Rome
                                100
                                       1004
  rows in set (0.00 sec)
```

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

```
D1_86939_Prajwal>select * from customers where (Cname between 'A' and 'G') or (Cname like 'G%
 );
  Cnum
         Cname
                    City
                                Rating
                                          Snum
  2002
         Giovanni
                     Rome
                                    200
                                          1003
                     Berlin
  2004
         Grass
                                    300
                                          1007
  2006
         Clemens
                     London
                                    100
                                          1001
  2008
                                    300
                                          1007
         Cisneros
                     San Jose
  rows in set (0.00 sec)
```

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

```
D1_86939_Prajwal>select * from Customers where Cname like 'C%';
         Cname
                     City
                                Rating
  Cnum
                                          Snum
  2006
         Clemens
                     London
                                    100
                                          1001
                     San Jose
  2008
         Cisneros
                                    300
                                          1007
 rows in set (0.00 sec)
```

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

```
D1_86939_Prajwal>select * from orders where (amt != 0) or (amt != Null);
 Onum |
        Amt
                    0date
                                 Cnum
                                         Snum
 3001
           18.69
                    1990-10-03
                                  2008
                                         1007
          767.19
                    1990-10-03
 3003
                                  2001
                                         1001
 3002
         1900.10
                                  2007
                                         1004
                    1990-10-03
 3005
         5160.45
                    1990-10-03
                                  2003
                                         1002
 3006
         1098.16
                    1990-10-03
                                  2008
                                         1007
                    1990-10-04
 3009
         1713.23
                                  2002
                                         1003
 3007
           75.72
                    1990-10-04
                                         1002
                                  2004
 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)
```