Assignment –6 Using Special Operators in Conditions.

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

```
D2_92814_Krushna>select * from Orders where Odate = '1990-10-03' or Odate = '1990-10-04' ;
 Onum
         Amt
                    Odate
                                  Cnum
                                          Snum
           18.69
                    1990-10-03
  3001
                                  2008
                                          1007
  3003
          767.19
                    1990-10-03
                                  2001
                                          1007
         1900.10
                    1990-10-03
 3003
                                          1004
                                  2007
  3005
         5160.45
                    1990-10-03
                                  2008
                                          1007
         1098.16
1713.23
                    1990-10-03
                                  2008
  3006
                                          1007
  3009
                    1990-10-04
                                  2002
                                          1003
 3007
           75.75
                    1990-10-04
                                  2004
                                          1002
 3008
         4723.00
                    1990-10-04
                                  2006
                                          1001
8 rows in set (0.00 sec)
```

```
D2_92814_Krushna>select * from Orders where Odate between '1990-10-03' and '1990-10-04';
                    Odate
  Onum |
         Amt
                                  Cnum |
                                          Snum
  3001
            18.69
                    1990-10-03
                                  2008
                                          1007
         767.19
1900.10
  3003
                    1990-10-03
                                   2001
                                          1007
  3003
                    1990-10-03
                                   2007
                                          1004
                    1990-10-03
  3005
         5160.45
                                   2008
                                          1007
  3006
         1098.16
                    1990-10-03
                                   2008
                                          1007
  3009
         1713.23
                    1990-10-04
                                   2002
                                          1003
            75.75
                    1990-10-04
                                   2004
  3007
                                          1002
  3008
         4723.00
                    1990-10-04
                                   2006
                                          1001
  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).

```
D2_92814_Krushna>Select * from customers where Snum IN(Select Sn
um From Salespeople Where Sname = 'Peel' OR Sname = 'Motika');
  Cnum
         Cname
                   City
                             Rating
                                      Snum
         Hoffman
  2001
                    London
                                100
                                      1001
  2006
         Clemens
                    London
                                100
                                       1001
  2008
         Pereira
                    Rome
                                100
                                      1004
 rows in set (0.04 sec)
```

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

```
D2_92814_Krushna>Select * from Customers where Cname >= 'A' and
Cname < 'H';
                    City
         Cname
                             Rating
                                       Snum
  2002
         Giovanni
                    Rome
                                 200
                                       1003
  2004
                     Berlin
                                 300
                                       1002
         Grass
  2006
         Clemens
                    London
                                 100
                                       1001
3 rows in set (0.00 sec)
```

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

```
D2_92814_Krushna>Select * from Customers where Cname like 'C%';
+----+----+-----+
| Cnum | Cname | City | Rating | Snum |
+----+-----+
| 2006 | Clemens | London | 100 | 1001 |
+----+-----+------+
1 row in set (0.00 sec)
```

5) Write a query that selects all orders except those with zeroes or NULLs in the amt field (First need to Insert row which contains Amt as Null

```
D2_92814_Krushna>select * from Orders ;
  Onum
          Amt
                     Odate
                                   Cnum
                                           Snum
            18.69
  3001
                     1990-10-03
                                   2008
                                           1007
           767.19
  3003
                     1990-10-03
                                   2001
                                           1007
          1900.10
                     1990-10-03
  3003
                                   2007
                                           1004
          5160.45
  3005
                     1990-10-03
                                   2008
                                           1007
          1098.16
  3006
                     1990-10-03
                                   2008
                                           1007
          1713.23
  3009
                     1990-10-04
                                   2002
                                           1003
            75.75
  3007
                     1990-10-04
                                   2004
                                           1002
          4723.00
  3008
                     1990-10-04
                                   2006
                                           1001
  3010
          1309.95
                     1990-10-06
                                   2004
                                           1002
  3011
          9891.88
                     1990-10-06
                                           1001
                                   2006
                     1990-10-04
  3020
             NULL
                                   2002
                                           1003
11 rows in set (0.00 sec)
```

D2_92814_Krushna>Select * from Orders where Amt is NOT NULL or A mt = 0;										
Onum	Amt	Odate	Cnum	Snum	İ					
3001	18.69	1990-10-03	2008	1007	i					
3003	767.19	1990-10-03	2001	1007						
3003	1900.10	1990-10-03	2007	1004						
3005	5160.45	1990-10-03	2008	1007	Ĺ					
3006	1098.16	1990-10-03	2008	1007	İ					
3009	1713.23	1990-10-04	2002	1003	Ĺ					
3007	75.75	1990-10-04	2004	1002	İ					
3008	4723.00	1990-10-04	2006	1001	İ					
3010	1309.95	1990-10-06	2004	1002	İ					
3011	9891.88	1990-10-06	2006	1001	İ					
++										
10 rows in set (0.00 sec)										