Assignment –6
Using Special Operators in Conditions.

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

```
KD3_86927_Vivek@>SELECT * FROM ORDERS
    -> WHERE (Odate >='1990-10-3' AND Odate <='1990-10-4');
+-------+---------+------------+------+------+
| Onum  | Amt     | Odate      | Cnum | Snum |
+-------+---------+------------+------+------+
| 3001  |   18.69 | 1990-10-03 | 2008 | 1007 |
| 3003  |  767.19 | 1990-10-03 | 2001 | 1001 |
| 3002  | 1900.10 | 1990-10-03 | 2007 | 1004 |
| 3005  | 5160.45 | 1990-10-03 | 2003 | 1002 |
| 3006  | 1098.16 | 1990-10-03 | 2008 | 1007 |
| 3009  | 1713.23 | 1990-10-04 | 2002 | 1003 |
| 3007  |   75.75 | 1990-10-04 | 2004 | 1002 |
+-------+---------+------------+------+------+
7 rows in set (0.00 sec)

KD3_86927_Vivek@>
```

```
KD3_86927_Vivek@>SELECT * FROM ORDERS
    -> WHERE Odate BETWEEN '1990-10-3' AND '1990-10-4';
+-------+---------+------------+------+------+
| Onum  | Amt     | Odate      | Cnum | Snum |
+-------+---------+------------+------+------+
| 3001  |   18.69 | 1990-10-03 | 2008 | 1007 |
| 3003  |  767.19 | 1990-10-03 | 2001 | 1001 |
| 3002  | 1900.10 | 1990-10-03 | 2007 | 1004 |
| 3005  | 5160.45 | 1990-10-03 | 2003 | 1002 |
| 3006  | 1098.16 | 1990-10-03 | 2008 | 1007 |
| 3009  | 1713.23 | 1990-10-04 | 2002 | 1003 |
| 3007  |   75.75 | 1990-10-04 | 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).

```
KD3_86927_Vivek@>SELECT * FROM SALESPEOPLE;
+-------+----------+------------+-------+
| Snum  | Sname    | City       | Comm  |
+-------+----------+------------+-------+
| 1001  | Peel     | London     | 0.12  |
| 1002  | Serres   | San Jose   | 0.13  |
| 1004  | Motika   | London     | 0.11  |
| 1007  | Rifkin   | Barcelona  | 0.15  |
| 1003  | Axelrod  | New York   | 0.10  |
+-------+----------+------------+-------+
5 rows in set (0.00 sec)
```

```
KD3_86927_Vivek@>SELECT * FROM ORDERS
    -> WHERE SNUM = 1001 OR SNUM = 1004;
+-------+----------+------------+-------+-------+
| Onum  | Amt      | Odate      | Cnum  | Snum  |
+-------+----------+------------+-------+-------+
| 3003  |  767.19  | 1990-10-03 | 2001  | 1001  |
| 3002  | 1900.10  | 1990-10-03 | 2007  | 1004  |
| 3008  | 4723.00  | 1990-10-05 | 2006  | 1001  |
| 3011  | 9891.88  | 1990-10-06 | 2006  | 1001  |
+-------+----------+------------+-------+-------+
4 rows in set (0.00 sec)

KD3_86927_Vivek@>
```

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

```
KD3_86927_Vivek@>SELECT * FROM CUSTOMERS
    -> WHERE CNAME BETWEEN 'A%' AND 'H%';
+-------+----------+----------+--------+------+
| Cnum  | Cname    | City     | Rating | Snum |
+-------+----------+----------+--------+------+
| 2002  | Giovanni | Rome     |    200 | 1003 |
| 2004  | Grass    | Berlin   |    300 | 1002 |
| 2006  | Clemens  | London   |    100 | 1001 |
| 2008  | Cisneros | San Jose |    300 | 1007 |
+-------+----------+----------+--------+------+
4 rows in set (0.00 sec)

KD3_86927_Vivek@>
```

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

```
KD3_86927_Vivek@>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 (0.00 sec)

KD3_86927_Vivek@>
```

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

```
KD3_86927_Vivek@>SELECT * FROM ORDERS
    -> WHERE AMT IS NOT NULL OR AMT != 0;
+-------+---------+------------+------+------+
| Onum  | Amt     | Odate      | Cnum | Snum |
+-------+---------+------------+------+------+
| 3001  |   18.69 | 1990-10-03 | 2008 | 1007 |
| 3003  |  767.19 | 1990-10-03 | 2001 | 1001 |
| 3002  | 1900.10 | 1990-10-03 | 2007 | 1004 |
| 3005  | 5160.45 | 1990-10-03 | 2003 | 1002 |
| 3006  | 1098.16 | 1990-10-03 | 2008 | 1007 |
| 3009  | 1713.23 | 1990-10-04 | 2002 | 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)

KD3_86927_Vivek@>
```