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_86672_saksham@>select * from orders
    -> where odate = '1990-10-03' or odate = '1990-10-04';
+-------+---------+------------+-------+-------+
| 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_86672_saksham@>select * from orders
    -> where ODATE BETWEEN '1990-10-03'AND'1990-10-04';
+-------+---------+------------+-------+-------+
| 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_86672_saksham@>SELECT CNAME FROM CUSTOMERS
    -> WHERE SNUM IN(1001,1004);
+---------+
| CNAME   |
+---------+
| Hoffman |
| Clemens |
| Pereira |
+---------+
3 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'.

```
KD3_86672_saksham@>SELECT CNAME FROM CUSTOMERS
    -> WHERE CNAME >= 'A' AND CNAME <='H';
+----------+
| CNAME    |
+----------+
| Giovanni |
| Grass    |
| Clemens  |
| Cisneros |
+----------+
```

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

```
KD3_86672_saksham@>SELECT CNAME FROM CUSTOMERS
    -> WHERE CNAME LIKE 'C%';
+----------+
| CNAME    |
+----------+
| Clemens  |
| Cisneros |
+----------+
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.

```
KD3_86672_saksham@>SELECT * FROM ORDERS
    -> WHERE AMT != 0 OR AMT IS NOT NULL;
+------+---------+------------+------+------+
| 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)
```