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

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

Query:-

select * from orders where Odate = '1990-10-03' or Odate = '1990-10-04';

```
D3_92819_Shubham>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 (0.01 sec)
```

select * from orders where Odate in ('1990-10-04', '1990-10-03');

```
D3_92819_Shubham>select * from orders where Odate in ('1990-10-04', '1990-10-03');
+------+---------+------------+------+------+
| 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).

Query :-

    select cname, sname from customers, salespeople
    where salespeople.snum = customers.snum
    having sname = 'peel' or sname = 'motika';

```
D3_92819_Shubham>select cname, sname from customers, salespeople
    -> where salespeople.snum = customers.snum
    -> having sname = 'peel' or sname = 'motika';
+---------+--------+
| cname   | sname  |
+---------+--------+
| Hoffman | Peel   |
| Clemens | Peel   |
| Pereira | Motika |
+---------+--------+
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'.
Query :-

select * from customers where cname>='A' and Cname<='G';

```
D3_92819_Shubham>select * from customers where cname>='A' and Cname<='G';
+------+----------+----------+--------+------+
| Cnum | Cname    | City     | Rating | Snum |
+------+----------+----------+--------+------+
| 2006 | Clemens  | London   |    100 | 1001 |
| 2008 | Cisneros | San Jose |    300 | 1007 |
+------+----------+----------+--------+------+
2 rows in set (0.00 sec)
```

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

Query;-
    select * from customers where cname like 'c%';

```
D3_92819_Shubham>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)
```

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

    select * from orders where Amt != 0 or NULL;

```
D3_92819_Shubham>select * from orders where Amt !=  0 or 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)
```