SQL ASSIGNMENT -6

ROLL NO-84016

Q1.Write two different queries that would produce all orders taken on October 3rd or 4th ,1990.
Ans.

```
D2_84016_Suyash>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 |  1900.1 | 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)

D2_84016_Suyash>select * from ORDERS where Odate IN( '1990-10-03', '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 |  1900.1 | 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)

D2_84016_Suyash>
```

Q2.Write a query that selectus all of the customers serviced by peel or Motika .(Hint:the Snum filed relates the two tables to one another).
Ans.

```
D2_84016_Suyash>select * from CUSTOMERS  where (Snum=1001 OR Snum=1004);
+------+---------+--------+--------+------+
| Cnum | Cname   | City   | Rating | Snum |
+------+---------+--------+--------+------+
| 2001 | Hoffman | London |    100 | 1001 |
| 2006 | Clemens | London |    100 | 1001 |
| 2007 | Pereira | Rome   |    100 | 1004 |
+------+---------+--------+--------+------+
3 rows in set (0.01 sec)

D2_84016_Suyash>
```

Q3.Write a query that will produce all the Customers whose names begin with a letter from 'A' to 'G'

Ans.

```
D2_84016_Suyash>select Cname from CUSTOMERS  where Cname between 'A' and 'G';
+----------+
| Cname    |
+----------+
| Clemens  |
| Cisneros |
+----------+
2 rows in set (0.00 sec)

D2_84016_Suyash>
```

Q4.Write will be that will produce all the customers whose names begin with the letter from 'c'.

```
D2_84016_Suyash>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)
```

Ans.

Q5.Write a query that selectus all orders expcet those with zeroes or NULL in the amt field.
Ans.

```
D2_84016_Suyash>select * from ORDERS ;
+-------+---------+------------+------+------+
| Onum  | Amt     | Odate      | Cnum | Snum |
+-------+---------+------------+------+------+
| 3001  |   18.69 | 1990-10-03 | 2008 | 1007 |
| 3003  |  767.19 | 1990-10-03 | 2001 | 1001 |
| 3002  |  1900.1 | 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 | 1990-10-05 | 2006 | 1001 |
| 3010  | 1309.95 | 1990-10-06 | 2004 | 1002 |
| 3011  | 9891.88 | 1990-10-06 | 2006 | 1001 |
| 3012  |    NULL | 1990-10-08 | 2010 | 1005 |
| 3012  |       0 | 1990-10-08 | 2010 | 1005 |
+-------+---------+------------+------+------+
12 rows in set (0.00 sec)

D2_84016_Suyash>select * from ORDERS   where (Amt!=0 or Amt!=NULL);
+-------+---------+------------+------+------+
| Onum  | Amt     | Odate      | Cnum | Snum |
+-------+---------+------------+------+------+
| 3001  |   18.69 | 1990-10-03 | 2008 | 1007 |
| 3003  |  767.19 | 1990-10-03 | 2001 | 1001 |
| 3002  |  1900.1 | 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 | 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)
```