Name: - Juili Pradeep Vyas

Roll no: - 86982

Assignment No 6

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

```
D5_86982_JUILI@>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  | 1900.10 | 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).

```
D5_86982_JUILI@>select *from customers
    -> where snum in (1001,1004);
+-------+---------+--------+--------+-------+
| Cnum  | Cname   | City   | Rating | Snum  |
+-------+---------+--------+--------+-------+
| 2001  | Hoffman | London |    100 | 1001  |
| 2006  | Clemens | London |    100 | 1001  |
| 2007  | Pereira | Rome   |    100 | 1004  |
+-------+---------+--------+--------+-------+
3 rows in set (0.00 sec)
```

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

```
D5_86982_JUILI@>select *from customers
    -> where cname >='A' and cname<='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)
```

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

```
D5_86982_JUILI@>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 (0.01 sec)
```

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

```
D5_86982_JUILI@>select *from orders where Amt != 0 AND 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)
```