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Assignment 6

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

```
mysql> use cadcmumbai;
ERROR 1044 (42000): Access denied for user 'PrashansaDB'@'localhost' to database 'cadcmumbai'
mysql> use cdacmumbai;
Database changed
mysql> select * from orders where odate='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 |
+-----+-----+-----+-----+-----+
5 rows in set (0.03 sec)
```

```
mysql> select * from orders where odate='1990-10-04';
+-----+-----+-----+-----+-----+
| Onum | Amt   | Odate   | Cnum | Snum |
+-----+-----+-----+-----+-----+
| 3009 | 1713.23 | 1990-10-04 | 2002 | 1003 |
| 3007 | 75.75 | 1990-10-04 | 2004 | 1002 |
+-----+-----+-----+-----+-----+
2 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).

```
mysql> select customers.cnum,customers.cname,customers.city,customers.rating,customers.snum from customers,salespeople where salespeople.snum=customers.snum
and (salespeople.sname='peel' or salespeople.sname='motika');
+-----+-----+-----+-----+-----+
| 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)
```

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

```
mysql> 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 (0.01 sec)
```

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

```
mysql> select * from customers where Cname>='C' and Cname<'D';
```

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.

```
mysql> select * from orders where amt is not null and 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)
```