

Assignment 6

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

```
mysql> 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
3008	4723.00	1990-10-04	2006	1001
3010	309.95	1990-10-04	2004	1002
3011	9891.88	1990-10-04	2006	1001

10 rows in set (0.00 sec)

```
mysql> 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
3008	4723.00	1990-10-04	2006	1001
3010	309.95	1990-10-04	2004	1002
3011	9891.88	1990-10-04	2006	1001

10 rows in set (0.00 sec)

Q2).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 cname,sname from customers,salespeople where customers.snum=salespeople.snum and sname in('Peel','Motika');
```

cname	sname
Hoffman	Peel
Clemens	Peel
Pereira	Motika

3 rows in set (0.00 sec)

Q3).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 between 'A' and 'G' or cname like 'G%';
+-----+-----+-----+-----+-----+
| 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)
```

Q4).Write a query that selects all customers whose names begin with the letter 'C'.

```
mysql> select cname from customers where cname like 'C%';
+-----+
| cname |
+-----+
| Clemens |
| Cisneros |
+-----+
2 rows in set (0.00 sec)
```

Q5).Write a query that selects all orders except those with zeroes or NULLs in the amt field.

```
mysql> 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  | 1990-10-04 | 2006 | 1001 |
| 3010 | 309.95   | 1990-10-04 | 2004 | 1002 |
| 3011 | 9891.88  | 1990-10-04 | 2006 | 1001 |
+-----+-----+-----+-----+-----+
```