1) Write a query that will give you all orders for more than Rs. 1,000.
➔ Select * from emp
   Where order > 1000;

```
mysql> select * from orders
    -> where amt > 1000;
+-------+---------+------------+------+------+
| ONUM  | AMT     | ODATE      | CNUM | SNUM |
+-------+---------+------------+------+------+
| 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 |
| 3008  | 4723.00 | 1990-10-05 | 2006 | 1001 |
| 3010  | 1309.98 | 1990-10-05 | 2004 | 1002 |
| 3011  | 9891.88 | 1990-10-06 | 2006 | 1001 |
+-------+---------+------------+------+------+
7 rows in set (0.00 sec)
```

2) Write a query that will give you the names and cities of all salespeople in
   London with a commission above .10.
➔ Select name, city from salespeople
   Where commission > 0.10

```
mysql> select sname, city from salespeople
    -> where comm >0.10;
+--------+-----------+
| sname  | city      |
+--------+-----------+
| Peel   | London    |
| Serees | San Joes  |
| Motika | London    |
| Rifkin | Barcelona |
+--------+-----------+
4 rows in set (0.00 sec)
```

3) Write a query on the Customers table whose output will exclude all customers
   with a rating <= 100, unless they are located in Rome.
➔ Select * from customer
   Where rating>100 or city = 'rome'

```
mysql> select * from customer
    -> where rating >100 or city = 'rome';
+-------+----------+-----------+--------+------+
| Cnum  | Cname    | City      | RATING | SNUM |
+-------+----------+-----------+--------+------+
| 2002  | Giovanni | Rome      |    200 | 1003 |
| 2003  | Liu      | San Jose  |    200 | 1002 |
| 2004  | Grass    | Berlin    |    300 | 1002 |
| 2008  | Cisneros | San Jose  |    300 | 1007 |
| 2007  | Pereira  | Rome      |    100 | 1004 |
| 2009  | roya     | New york  |    150 | 1005 |
+-------+----------+-----------+--------+------+
6 rows in set (0.00 sec)
```

4) What will be the output from the following query?

Select * from Orders
       where (amt < 1000 OR
               NOT (odate = '1990-10-03'
                    AND cnum > 2003));

```
mysql> SELECT * FROM orders
    -> WHERE (amt < 1000 OR NOT (odate = '1990-10-03' AND cnum > 2003));
+------+---------+------------+------+------+
| ONUM | AMT     | ODATE      | CNUM | SNUM |
+------+---------+------------+------+------+
| 3001 |   18.69 | 1990-10-03 | 2008 | 1007 |
| 3003 |  767.19 | 1990-10-03 | 2001 | 1001 |
| 3005 | 5160.45 | 1990-10-03 | 2003 | 1002 |
| 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 | 1309.98 | 1990-10-05 | 2004 | 1002 |
| 3011 | 9891.88 | 1990-10-06 | 2006 | 1001 |
+------+---------+------------+------+------+
8 rows in set (0.00 sec)
```

1. The amt is less than 1000 **OR**
2. The odate is **not** '1990-10-03' **or** the cnum is **not** greater than 2003.

5) What will be the output of the following query?
   Select * from Orders where NOT ((odate = '1990-10-03' OR snum>1006)
AND amt >= 1500);

```
mysql> select *  from orders where Not((odate = '1990-10-03' or
snum>1006) AND amt >= 1500);
+-------+---------+------------+------+------+
| ONUM  | AMT     | ODATE      | CNUM | SNUM |
+-------+---------+------------+------+------+
| 3001  |   18.69 | 1990-10-03 | 2008 | 1007 |
| 3003  |  767.19 | 1990-10-03 | 2001 | 1001 |
| 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  | 1309.98 | 1990-10-05 | 2004 | 1002 |
| 3011  | 9891.88 | 1990-10-06 | 2006 | 1001 |
+-------+---------+------------+------+------+
8 rows in set (0.00 sec)
```

6) What is a simpler way to write this query?

> Select snum, sname, city, comm From Salespeople
> where   (comm > .12 OR comm <.14);

```
mysql> select snum,sname,city,comm from salespeople
    -> where (comm > .12 OR comm < .14);
+------+---------+-----------+------+
| snum | sname   | city      | comm |
+------+---------+-----------+------+
| 1001 | Peel    | London    | 0.12 |
| 1002 | Serees  | San Joes  | 0.13 |
| 1003 | Motika  | London    | 0.11 |
| 1007 | Rifkin  | Barcelona | 0.15 |
| 1003 | Axelrod | New York  | 0.10 |
+------+---------+-----------+------+
5 rows in set (0.00 sec)
```