ASSIGNMENT 5

1) Write a query that will give you all orders for more
than Rs. 1,000.

```
W1_83862_Akshay>select Onum from orders where Amt>1000;
+------+
| Onum |
+------+
| 3002 |
| 3005 |
| 3006 |
| 3009 |
| 3008 |
| 3010 |
| 3011 |
+------+
7 rows in set (0.25 sec)
```

2) Write a query that will give you the names and cities
of all salespeople in London with a commission above
.10.

```
W1_83862_Akshay>select $name,City from salespeople where City ='London' and comm>0.10;
+--------+--------+
| $name  | City   |
+--------+--------+
| Peel   | London |
| Motica | London |
+--------+--------+
2 rows in set, 1 warning (0.00 sec)

W1 83862 Akshay select * from customers:
```

3) Write a query on the Customers table whose output
will exclude all customers with a rating <= 100, unless
they are located in Rome.

```
W1_83862_Akshay>select Cname, Rating,City from customers where Rating <= 100 and City='Rome';
+---------+--------+------+
| Cname   | Rating | City |
+---------+--------+------+
| Pereira |    100 | Rome |
+---------+--------+------+
1 row 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));

```
W1_83862_Akshay>select * from orders where not ((Odate ='1990-10-03' and cnum >2003));
+------+---------+------------+------+------+
| Onum | Amt     | Odate      | Cnum | $num |
+------+---------+------------+------+------+
| 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 | 1309.95 | 1990-10-06 | 2004 | 1002 |
| 3011 | 9891.88 | 1990-10-06 | 2006 | 1001 |
+------+---------+------------+------+------+
7 rows in set (0.00 sec)
```

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);

```
W1_83862_Akshay>select * from orders where (Amt < 1000) or Not((odate ='1990-10-03' OR $num>1006) and amt>=1500);
+------+---------+------------+------+------+
| Onum | Amt     | Odate      | Cnum | $num |
+------+---------+------------+------+------+
| 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 | 1309.95 | 1990-10-06 | 2004 | 1002 |
| 3011 | 9891.88 | 1990-10-06 | 2006 | 1001 |
+------+---------+------------+------+------+
8 rows in set, 1 warning (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);

```
W1_83862_Akshay>select $num,$name,City,comm from salespeople where comm between 0.12 and 0.14;
+------+--------+----------+------+
| $num | $name  | City     | comm |
+------+--------+----------+------+
| 1002 | Serres | San Jose | 0.13 |
+------+--------+----------+------+
1 row in set, 2 warnings (0.00 sec)
```