

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

```
w3_93119_sushant>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 | 9891.88 | 1990-10-06 | 2004 | 1002 |
| 3011 | 9891.88 | 1990-10-06 | 2006 | 1001 |
+-----+-----+-----+-----+-----+
7 rows in set (0.00 sec)

w3_93119_sushant>
```

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

```
w3_93119_sushant>select sname, city from salespeople where city = 'London' and Comm > 0.10;
+-----+-----+
| sname | city |
+-----+-----+
| Peel  | London |
| Motika | London |
+-----+-----+
2 rows in set (0.00 sec)

w3_93119_sushant>
```

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

```
w3_93119_sushant>select Cname, city, rating from customers where city = 'Rome' or rating >= 100;
+-----+-----+-----+
| Cname | city   | rating |
+-----+-----+-----+
| Hoffman | London | 100 |
| Giovanni | Rome   | 200 |
| Liu     | San Jose | 200 |
| Grass   | Berlin | 300 |
| Clemens | London | 100 |
| Cisneros | San Jose | 300 |
| Pereira | Rome   | 100 |
+-----+-----+-----+
7 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));

```

-> AND cnum > 2003)); Select * from Orders where (amt < 1000 OR NOT (odate = '1990-10-03' AND cnum > 2
w3_93119_sushant>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 | 2008 | 1007 |
| 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 | 9891.88 | 1990-10-06 | 2004 | 1002 |
| 3011 | 9891.88 | 1990-10-06 | 2006 | 1001 |
+-----+-----+-----+-----+
8 rows in set (0.00 sec)

w3_93119_sushant>

```

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);

```

w3_93119_sushant>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 | 2008 | 1007 |
| 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 | 9891.88 | 1990-10-06 | 2004 | 1002 |
| 3011 | 9891.88 | 1990-10-06 | 2006 | 1001 |
+-----+-----+-----+-----+
8 rows in set (0.00 sec)

w3_93119_sushant>

```

6) What is a simpler way to write this query? Select snum, sname, city, comm From Salespeople where (comm > .12 OR comm <.14);

```

w3_93119_sushant>select * from salespeople;
+-----+-----+-----+-----+
| Snum | Sname | City | Comm |
+-----+-----+-----+-----+
| 1001 | Peel | London | 0.12 |
| 1002 | Serres | San Jose | 0.13 |
| 1004 | Motika | London | 0.11 |
| 1007 | Rifkin | Barcelona | 0.15 |
| 1003 | Axelrod | New York | 0.10 |
+-----+-----+-----+-----+
5 rows in set (0.00 sec)

```