

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

```
KD2-87399-Aditya@>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 | 1309.95  | 1990-10-06 | 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.

```
KD2-87399-Aditya@>select Sname, City from salespeople where(City = 'London' and Comm > .10);
+-----+-----+
| Sname | City |
+-----+-----+
| Peel  | London |
| Motika | London |
+-----+-----+
2 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.

```
KD2-87399-Aditya@>select * from customers 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 |
+-----+-----+-----+-----+-----+
5 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));
```

```
KD2-87399-Aditya@>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	1309.95	1990-10-06	2004	1002
3011	9891.88	1990-10-06	2006	1001

```
8 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);
```

```
KD2-87399-Aditya@>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	1309.95	1990-10-06	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);

```
KD2-87399-Aditya@>select * from salespeople where(comm>.12 or comm < .14);
+-----+-----+-----+-----+
| 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)
```