

Q1. Write a query that will give you all orders for more than Rs. 1,000.

ANS : select * from orders where amt > 1000;

```
KD2-86669-makarand@>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)

KD2-86669-makarand@>_
```

Q2. Write a query that will give you the names and cities of all salespeople in London with a commission above .10.

ANS :

```
KD2-86669-makarand@>select snum,city from salespeople where city = 'London' and comm >0.10;
+-----+-----+
| snum | city |
+-----+-----+
| 1001 | London |
| 1004 | London |
+-----+-----+
2 rows in set (0.00 sec)

KD2-86669-makarand@>
```

Q3. Write a query on the Customers table whose output will exclude all customers with a rating <= 100, unless they are located in Rome.

ANS

```
KD2-86669-makarand@>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)

KD2-86669-makarand@>
```

Q4. What will be the output from the following query?

Select * from Orders

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

ANS :

```
KD2-86669-makarand@>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, 1 warning (0.00 sec)

KD2-86669-makarand@>_
```

Q5. What will be the output of the following query? Select * from Orders where NOT ((odate = '1990-10-03' OR snum >1006) AND amt >= 1500);

ANS :

```
KD2-86669-makarand@>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)

KD2-86669-makarand@>
```

Q6. What is a simpler way to write this query? Select snum, sname, city, comm From Salespeople where (comm > .12 OR comm < .14).

```
KD2-86669-makarand@>Select snum, sname, city, comm 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)

KD2-86669-makarand@>
```