

Q1

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

```

KD2-87412-Abhishek@> select * from orders where snum>1000;
+-----+-----+-----+-----+-----+
| Onum | Amt   | Odate   | Cnum | Snum |
+-----+-----+-----+-----+-----+
| 3001 | 18.69 | 1990-10-03 | 2008 | 1007 |
| 3003 | 767.19 | 1990-10-03 | 2001 | 1001 |
| 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 |
| 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 |
+-----+-----+-----+-----+-----+
10 rows in set (0.00 sec)

```

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

```

KD2-87412-Abhishek@> 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 |
+-----+-----+-----+-----+-----+

```

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

```

ERROR 1146 (42S02): Table 'assignment1.custcustomers' doesn't exist
KD2-87412-Abhishek@> select * FROM CUSTOMERS WHERE RATING>100 OR CITY= 'ROME';
+-----+-----+-----+-----+-----+
| Cnum | Cname  | City    | Rating | Snum |
+-----+-----+-----+-----+-----+
| 2002 | Gionavi | Rome    | 200    | 1003 |
| 2003 | liu     | San Jose | 200    | 1002 |
| 2004 | Grass   | Berlin  | 200    | 1002 |
| 2006 | Cisneros | SanJose | 300    | 1007 |
| 2007 | Pereira | Rome    | 100    | 1004 |
+-----+-----+-----+-----+-----+
5 rows in set (0.00 sec)

```

What will be the output from the following query?

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

```
KD2-87412-Abhishek@> 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)
```

What will be the output of the following query?

```
Select * from Orders
where NOT ((odate = '1990-10-03' OR snum
>1006) AND amt >= 1500);
```

```
KD2-87412-Abhishek@>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)
```

What is a simpler way to write this query?

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

```
KD2-87412-Abhishek@> select * from Salespeople where (comm>0.12 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	Axelord	NewYork	0.10

```
5 rows in set (0.00 Sec)
```