

1) Create a view that shows all of the customers who have the highest ratings.

```
ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MySQL server version for the right syntax to use near 'as v1 select max(rating)'
w3_93119_sushant>create view v1 as select max(rating) from customers;
Query OK, 0 rows affected (0.01 sec)

w3_93119_sushant>display v1;
ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MySQL server version for the right syntax to use near 'display v1' at line 1
w3_93119_sushant>select * from v1;
+-----+
| max(rating) |
+-----+
|          400 |
+-----+
1 row in set (0.00 sec)

w3_93119_sushant>
```

2) Create a view that shows the number of salespeople in each city.

```
line 1
w3_93119_sushant>create view v2 as select city,count(sname) from salespeople group by city;
Query OK, 0 rows affected (0.02 sec)

w3_93119_sushant>select * from v2;
+-----+-----+
| city | count(sname) |
+-----+-----+
| London |          2 |
| San Jose |          1 |
| Barcelona |          1 |
| New York |          1 |
+-----+-----+
4 rows in set (0.00 sec)

w3_93119_sushant>
```

3) Create a view that shows the average and total orders for each salesperson after his or her name. Assume all names are unique.

```
ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MySQL server version for the right syntax to use near 'as v4 select snum,avg(amt) , sum(amt) from orders group by snum;'
w3_93119_sushant>create view v4 as select snum,avg(amt) , sum(amt) from orders group by snum;
Query OK, 0 rows affected (0.02 sec)

w3_93119_sushant>select * from v4;
+-----+-----+-----+
| snum | avg(amt) | sum(amt) |
+-----+-----+-----+
| 1002 | 1675.250000 | 3350.50 |
+-----+-----+-----+
1 row in set (0.00 sec)
```

4) Create a view that shows each salesperson with multiple customers.

```
w3_93119_sushant>
w3_93119_sushant>create view v6 as select sname,count(c.cname) from salespeople , customers c where c.snum = salespeople.snum group by sname;
Query OK, 0 rows affected (0.02 sec)

w3_93119_sushant>select * from v6;
+-----+-----+
| sname | count(c.cname) |
+-----+-----+
| Serres |          2 |
| Motika |          1 |
| Rifkin |          1 |
| Axelrod |          1 |
+-----+-----+
4 rows in set (0.00 sec)

w3_93119_sushant>
```