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### Assignment 11

1) Write a query that uses a subquery to obtain all orders for the customer named Cisneros. Assume you do not know his customer number (cnum).

```
mysql> select * from orders
      -> where Cnum=(
      -> select Cnum from customers where Cname='Cisneros');
+-----+-----+-----+-----+-----+
| Onum | Amt   | Odate   | Cnum | Snum |
+-----+-----+-----+-----+-----+
| 3001 | 18.69 | 1990-10-03 | 2008 | 1007 |
| 3006 | 1098.16 | 1990-10-03 | 2008 | 1007 |
+-----+-----+-----+-----+-----+
2 rows in set (0.06 sec)
```

2) Write a query that produces the names and ratings of all customers who have above-average orders.

```
mysql> select Cname,Rating from customers
      -> where Rating>(
      -> select avg(Rating) from customers);
+-----+-----+
| Cname | Rating |
+-----+-----+
| Giovanni | 200 |
| Liu | 200 |
| Grass | 300 |
| Cisneros | 300 |
+-----+-----+
4 rows in set (0.01 sec)
```

3) Write a query that selects the total amount in orders for each salesperson for whom this total is greater than the amount of the largest order in the table.

```
mysql> select salespeople.Sname,salespeople.Snum from orders,salespeople
-> group by salespeople.Sname,salespeople.Snum
-> having sum(orders.Amt)>(
-> select max(Amt) from orders);
```

Sname	Snum
Axelrod	1003
Rifkin	1007
Motika	1004
Serres	1002
Peel	1001

5 rows in set (0.03 sec)