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 customer 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 (0.02 sec)
```

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

```
mysql> select cname, rating from customer

-> where cnum in(select cnum from orders where amt > (select avg(amt) from
orders));

+---------+--------+

| cname   | rating |

+---------+--------+

| Liu     |    200 |

| Clemens |    100 |

+---------+--------+
```

2 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 snum, sum(amt) as totalamt

    -> from orders

    -> group by snum

    -> having sum(amt) > (select max(amt) from orders);

```
+------+----------+
| snum | totalamt |
+------+----------+
| 1001 | 15381.19 |
+------+----------+
```
1 row in set (0.00 sec)