

## 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 (0.00 sec)
```

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

```
[mysql> select c.Cname , c.rating from customers c join orders o on c.cnum=o.cnum
[    -> where o.amt > (select avg(amt) from orders) group by c.cname , c.rating;
```

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 s.snum , s.sname , sum(o.amt) ordervalue from salespeople s join orders
-> o on s.snum=o.snum group by s.snum , s.sname
-> having ordervalue > (select max(amt) from orders);
```

snum	sname	ordervalue
1001	Peel	15382.07

```
1 row in set (0.00 sec)
```