

# Assignment – 11

## Subqueries.

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).

Ans:

```
select * from customers where cnum = (select cnum from customers where cname = 'Cisneros');
```

cnum	cname	city	rating	snum
2008	Cisneros	San Jose	300	1007

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

Ans:

```
select c.cname,c.rating from orders o join customers c on c.cnum = o.cnum where o.amt > (select avg(amt) from orders);
```

cname	rating
Liu	200
Clemens	100
Clemens	100

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.

Ans:

```
select snum, sum(amt) from orders group by snum having sum(amt) > (select max(amt) from orders);
```

snum	sum(amt)
1001	15382.07