

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).

```
KD3_87283_omkar@>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.

```
KD3_87283_omkar@>select cname,rating from customers 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.

```
KD3_87283_omkar@>select snum,sum(amt) from orders group by snum having sum(amt) > (select max(amt) from orders);
```

snum	sum(amt)
1001	15384.07

```
1 row in set (0.01 sec)
```