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).

```
KD2-87199-PRATHAMESH@>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.

```
KD2-87199-PRATHAMESH@>select cname, rating from customers where cnum in(select cnum from orders where amt>(select avg(ifnull(amt, 0)) f
rom orders));
+---------+--------+
| cname   | rating |
+---------+--------+
| Liu     |    200 |
| Clemons |    100 |
+---------+--------+
2 rows in set (0.00 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.

```
KD2-87199-PRATHAMESH@>select snum, sum(ifnull(amt, 0)) from orders group by snum having sum(ifnull(amt, 0))>(select max(amt) from order
s);
+------+----------------------+
| snum | sum(ifnull(amt, 0)) |
+------+----------------------+
| 1001 |           15382.07 |
+------+----------------------+
1 row in set (0.00 sec)
```