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).

```
KD2-87412-Abhishek@> select * from orders where cnum = (select cnum from customers where cname='cisneros');
+------+---------+------------+------+------+
| Onum | Amt     | Odate      | Cnum | Snum |
+------+---------+------------+------+------+
| 3008 | 4723.00 | 1990-10-05 | 2006 | 1001 |
| 3011 | 9891.88 | 1990-10-06 | 2006 | 1001 |
+------+---------+------------+------+------+
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.

```
KD2-87412-Abhishek@> select  cname , rating from customers where  cnum in (select cnum from orders where amt > (select a
vg (amt) from orders));
+----------+--------+
| cname    | rating |
+----------+--------+
| liu      |    200 |
| Celmens  |    100 |
| Cisneros |    300 |
+----------+--------+
3 rows in set (0.00 sec)

KD2-87412-Abhishek@>
```

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.

```
KD2-87412-Abhishek@> select sum(amt) from orders group by snum having sum(amt)>(select max(amt) from orders);
+-----------+
| sum(amt) |
+-----------+
| 15382.07 |
+-----------+
1 row in set (0.00 sec)

KD2-87412-Abhishek@>
```