Assignment No 11

Q1 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).

➔ select * from orders where Cnum=(Select Cnum from customers where Cname='Cisneros');

```
KD3_86704_Mayur@>select * from orders  where Cnum=(Select Cnum from cust
omers 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)

KD3_86704_Mayur@>
```

Q2 Write a query that produces the names and ratings of all customers who have above-average orders.

➔ select Cname ,Rating from customers where Cnum in(select Cnum from orders where Amt>(select avg(Amt) from orders));

```
KD3_86704_Mayur@>select Cname ,Rating from customers where Cnum in(selec
t Cnum from orders where Amt >(select avg(Amt) from orders));
+---------+--------+
| Cname   | Rating |
+---------+--------+
| Liu     |    200 |
| Celmens |    100 |
+---------+--------+
2 rows in set (0.00 sec)

KD3_86704_Mayur@>
```

Q3 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.

→select sum(Amt) from orders group by (Snum) having sum(Amt) > (select max(Amt) from orders);

```
KD3_86704_Mayur@>select sum(Amt) from orders group by (Snum) having sum(Amt) > (sele
ct max(Amt) from orders );
+----------+
| sum(Amt) |
+----------+
| 15382.07 |
+----------+
1 row in set (0.00 sec)

KD3_86704_Mayur@>
```