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Assignment No 11

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).

```
D5_86982_JUILI@>select onum,amt,odate,customers.cnum,cname from orders,customers
    -> where customers.snum = orders.snum and orders.snum = any
    -> (select snum from orders
    -> where cname = 'Cisneros');
+------+---------+------------+------+----------+
| onum | amt     | odate      | cnum | cname    |
+------+---------+------------+------+----------+
| 3001 |   18.69 | 1990-10-03 | 2008 | Cisneros |
| 3006 | 1098.16 | 1990-10-03 | 2008 | Cisneros |
+------+---------+------------+------+----------+
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.

```
D5_86982_JUILI@>select cname, rating ,onum ,amt from orders,customers
    -> where customers.snum = orders.snum and orders.amt >
    -> (select avg(amt) from orders);
+---------+--------+------+---------+
| cname   | rating | onum | amt     |
+---------+--------+------+---------+
| Hoffman |    100 | 3011 | 9891.88 |
| Hoffman |    100 | 3008 | 4723.00 |
| Liu     |    200 | 3005 | 5160.45 |
| Grass   |    300 | 3005 | 5160.45 |
| Clemens |    100 | 3011 | 9891.88 |
| Clemens |    100 | 3008 | 4723.00 |
+---------+--------+------+---------+
6 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.

```
D5_86982_JUILI@>select sname,salespeople.snum from orders,salespeople
    -> where salespeople.snum=orders.snum
    -> group by sname,salespeople.snum
    -> having sum(amt)>
    -> (select max(amt) from orders);
+-------+------+
| sname | snum |
+-------+------+
| Peel  | 1001 |
+-------+------+
1 row in set (0.00 sec)
```