SQL Assignment-11

1. **Write a query that uses a subquery to obtain all orders for the customer name Cisneros. Assume you do not know his customer number (cnum).**

```
kd2_80158_saurabh>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_80158_saurabh>select cname,rating from orders,customers where customers.cnum=orders.cnum and amt>(select avg(amt) from orders);
+---------+--------+
| cname   | rating |
+---------+--------+
| Liu     |    200 |
| Clemens |    100 |
| Clemens |    100 |
+---------+--------+
3 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.**

```
kd2_80158_saurabh>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)
```