Assignment – 11

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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).

Select orders.onum, customers.cname, orders.amt, orders.odate, orders.cnum, orders.snum from orders , customers where orders.cnum=customers.cnum and customers.cname='Cisneros';

```
KD1-Yashraj-86633@>select orders.onum,customers.cname,orders.amt,orders.odate,orders.cnum,orders.snum from orders , customers
    -> where orders.cnum=customers.cnum and customers.cname='Cisneros';
+------+----------+---------+------------+------+------+
| onum | cname    | amt     | odate      | cnum | snum |
+------+----------+---------+------------+------+------+
| 3001 | Cisneros |   18.69 | 1990-10-03 | 2008 | 1007 |
| 3006 | Cisneros | 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

```
KD1-Yashraj-86633@>select cname,rating,amt from customers,orders where orders.amt>(select avg(amt) from orders) and orders.cnum=customers.cnum;
+---------+--------+---------+
| cname   | rating | amt     |
+---------+--------+---------+
| Liu     |    200 | 5160.45 |
| Clemens |    100 | 9891.88 |
| Clemens |    100 | 4723.00 |
+---------+--------+---------+
3 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.

select sum(amt) from orders,salespeople where orders.snum=salespeople.snum group by orders.snum having sum(amt)>(select max(amt) from orders);

```
KD1-Yashraj-86633@>select sum(amt) from orders,salespeople where orders.snum=salespeople.snum group by orders.snum having sum(amt)>(select max(amt) from orders);
+----------+
| sum(amt) |
+----------+
| 15382.07 |
+----------+
1 row in set (0.00 sec)
```