Assignment 11

KD1-Indrajeet-86641

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 cname, orders.cnum, orders.onum from orders, customers**

where orders.cnum = customers.cnum and customers.cname = 'Cisneros';

```
KD1-Indrajeet-86641@>select cname, orders.cnum, orders.onum from orders, customers
    -> where orders.cnum = customers.cnum and customers.cname = 'Cisneros';
+----------+------+------+
| cname    | cnum | onum |
+----------+------+------+
| Cisneros | 2008 | 3001 |
| Cisneros | 2008 | 3006 |
+----------+------+------+
2 rows in set (0.00 sec)
```

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

➔ **select cname, rating from customers, orders where**

amt > (select avg(amt) from orders) and customers.cnum = orders.cnum;

```
KD1-Indrajeet-86641@>select cname, rating from customers, orders where
    -> amt > (select avg(amt) from orders) and customers.cnum = orders.cnum;
+---------+--------+
| cname   | rating |
+---------+--------+
| Liu     |    200 |
| Clemens |    100 |
| Clemens |    100 |
+---------+--------+
3 rows in set (0.00 sec)
```

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, salespeople where**

salespeople.snum = orders.snum group by

orders.snum having sum(amt) > (select max(amt) from orders);

```
KD1-Indrajeet-86641@>select sum(amt) from orders, salespeople where salespeople.snum = orders.snum
    -> group by orders.snum having sum(amt) > (select max(amt) from orders);
+----------+
| sum(amt) |
+----------+
| 15382.07 |
+----------+
1 row in set (0.00 sec)
```