

Assignment – 11 Subqueries.

Roll No: 87243

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).

```
KD2-87243-kartik@>select orders.onum, orders.cnum from orders where
e cnum = (select cnum from customers where cname = 'Cisneros');
+-----+-----+
| onum | cnum |
+-----+-----+
| 3001 | 2008 |
| 3006 | 2008 |
+-----+-----+
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.

```
KD2-87243-kartik@>select cname, rating from customers where cnum IN (select cnum from orders where amt > (select avg(amt) from orders))
;
+-----+-----+
| cname | rating |
+-----+-----+
| Liu   | 200    |
| Clemens | 100    |
+-----+-----+
2 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.

```
KD2-87243-kartik@>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)
```

Activate Windows