

Assignment – 11

Subqueries.

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).

Ans-select * from orders where cnum=(select cnum from customers where cname='cinsneros');

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

Ans→ select cname,rating from customers where rating >(select avg(rating) from customers);

```
[KD2-86650-Shivali@>select cname,rating from customers where rating >(select avg(rating) from customers);
+-----+-----+
|  cname  | rating |
+-----+-----+
| Giovanni |    200 |
| Liu      |    200 |
| Grass    |    300 |
| Cisneros |    300 |
+-----+-----+
4 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?

Ans→ select cnum from orders where amt>floor((select max(amt) from orders));

```
[KD2-86650-Shivali@>select cnum from orders where amt>floor((select max(amt) from orders));
+-----+
|  cnum  |
+-----+
|  2006  |
+-----+
1 row in set (0.01 sec)

KD2-86650-Shivali@>
```

