

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).

```
W3_93236_Neha>select * from ORDERS
-> where Cnum=
-> (select Cnum from CUSTOMERS
-> where Cname='Cesneros');
+-----+-----+-----+-----+
| Onum | Amt      | Odate      | Cnum | Snum |
+-----+-----+-----+-----+
| 3001 | 18.69    | 1990-03-10 | 2008 | 1007 |
| 3006 | 1098.16  | 1990-03-10 | 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.

```
W3_93236_Neha>select c.Cname, C.Rating
-> from CUSTOMERS c
-> join ORDERS o ON c.Cnum=o.Cnum
-> where o.Amt > (select Avg(Amt) from ORDERS);
+-----+-----+
| Cname | Rating |
+-----+-----+
| Liu   | 200    |
| Pereira | 200    |
+-----+-----+
```

- 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.

```
W3_93236_Neha>select Snum, Sum(Amt) as total_Sale
-> from ORDERS
-> group by Snum
-> Having Sum(Amt) > (
-> select max(Amt)
-> from ORDERS);
+-----+-----+
| Snum | total_Sale |
+-----+-----+
| 1001 | 5490.19    |
| 1002 | 6546.15    |
+-----+-----+
2 rows in set (0.00 sec)
```