

SQL ASSIGNMENT – 11

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).

Ans :-

```
D5_tejas_84011>SELECT onum "ALL ORDERS",Cnum FROM ORDERS WHERE Cnum= (SELECT Cnum FROM CUSTOMERS WHERE Cname='Cisneros');
+-----+-----+
| ALL ORDERS | Cnum |
+-----+-----+
|          3001 | 2008 |
|          3006 | 2008 |
+-----+-----+
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.

Ans :-

```
D5_tejas_84011>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 (0.01 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.

Ans :-

```
D5_tejas_84011>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)
```