

- 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).

```
W1_84109_Sumit>select a.Cname,b.Onum from CUSTOMER a, ORDERS b where a.Cnum=b.Cnum and a.Cname='cisneros' order by a.Cname;
+-----+-----+
| Cname  | Onum |
+-----+-----+
| Cisneros | 3001 |
| Cisneros | 3006 |
+-----+-----+
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.

```
W1_84109_Sumit>Select Cname,Rating
-> from CUSTOMER
-> Where Cnum IN
-> (Select Cnum from ORDERS
-> Where Amt > (Select avg(Amt)
-> from ORDERS));
+-----+-----+
| Cname  | Rating |
+-----+-----+
| Liu     | 200    |
| Clemens | 100    |
+-----+-----+
2 rows in set (0.02 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.

```
W1_84109_Sumit>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)
```