

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).

```
W2_87325_Rajvardhan>SELECT O_NUM ORDERS FROM ORDERS WHERE C_NUM=
-> (SELECT C_NUM FROM CUSTOMERS WHERE CNAME='Cisneros');
+-----+
| ORDERS |
+-----+
|   3001 |
|   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.

```
W2_87325_Rajvardhan>SELECT CNAME,RATING FROM CUSTOMERS WHERE C_NUM IN (SELECT C_NUM 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.

```
W2_87325_Rajvardhan>SELECT SUM(AMT) TOTAL_AMT FROM ORDERS GROUP BY S_NUM HAVING TOTAL_AMT > (SELECT MAX(AMT) FROM ORDERS);
+-----+
| TOTAL_AMT |
+-----+
| 15382.07 |
+-----+
1 row in set (0.00 sec)
```