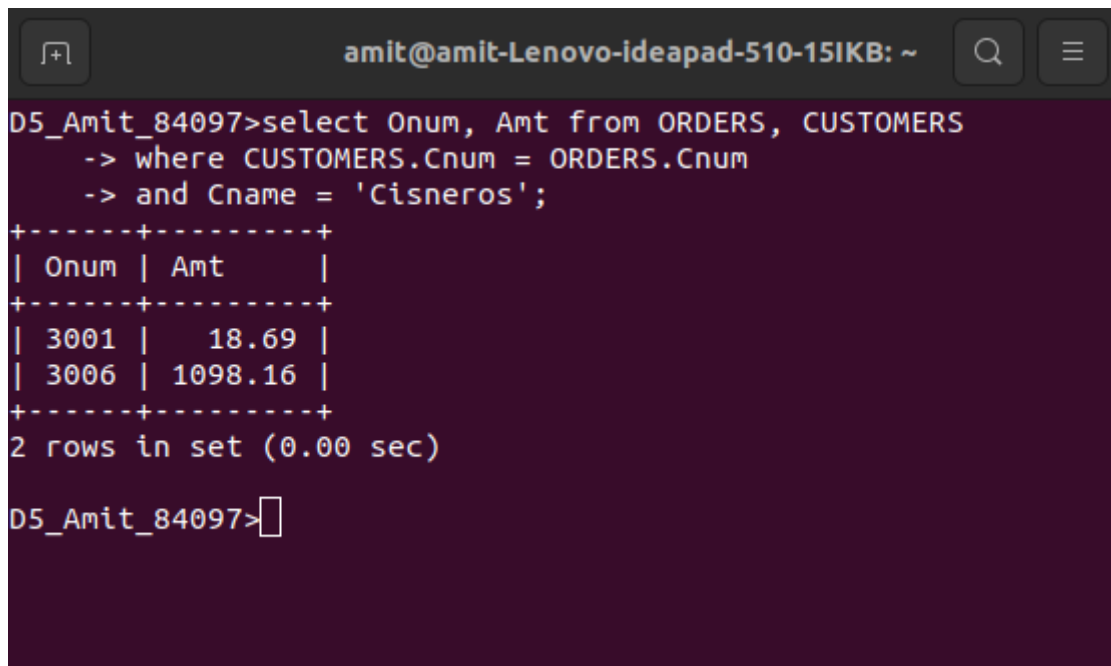# SQL Assignment – 11

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).
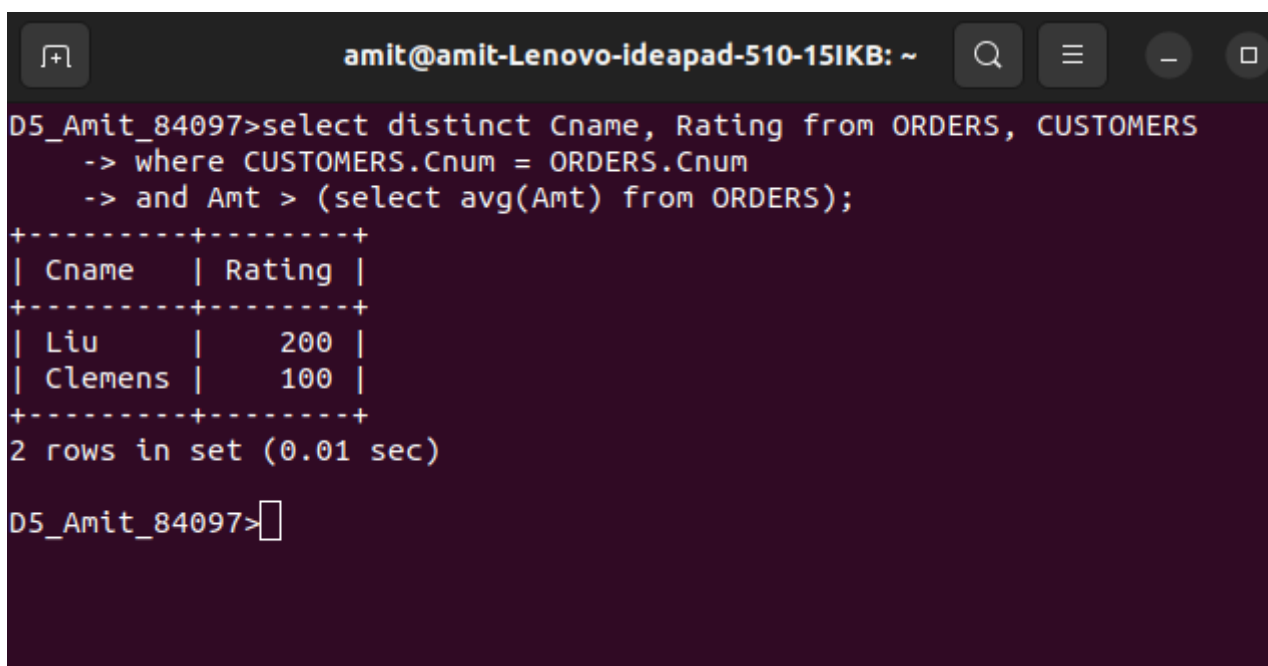
Ans-: select Onum, Amt from ORDERS, CUSTOMERS
     where CUSTOMERS.Cnum = ORDERS.Cnum
     and Cname = 'Cisneros';

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

Ans-: select distinct Cname, Rating from ORDERS, CUSTOMERS
     where CUSTOMERS.Cnum = ORDERS.Cnum
     and Amt > (select avg(Amt) from ORDERS);

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 Sname, sum(Amt) from ORDERS, SALESPEOPLE
      where SALESPEOPLE.Snum = ORDERS.Snum
      group by Sname
      having sum(Amt) > (select max(Amt) from ORDERS);

```
amit@amit-Lenovo-ideapad-510-15IKB: ~

D5_Amit_84097>select Sname, sum(Amt) from ORDERS, SALESPEOPLE
    -> where SALESPEOPLE.Snum = ORDERS.Snum
    -> group by Sname
    -> having sum(Amt) > (select max(Amt) from ORDERS);
+--------+-----------+
| Sname  | sum(Amt)  |
+--------+-----------+
| Peel   | 15382.07  |
+--------+-----------+
1 row in set (0.00 sec)

D5_Amit_84097>
```