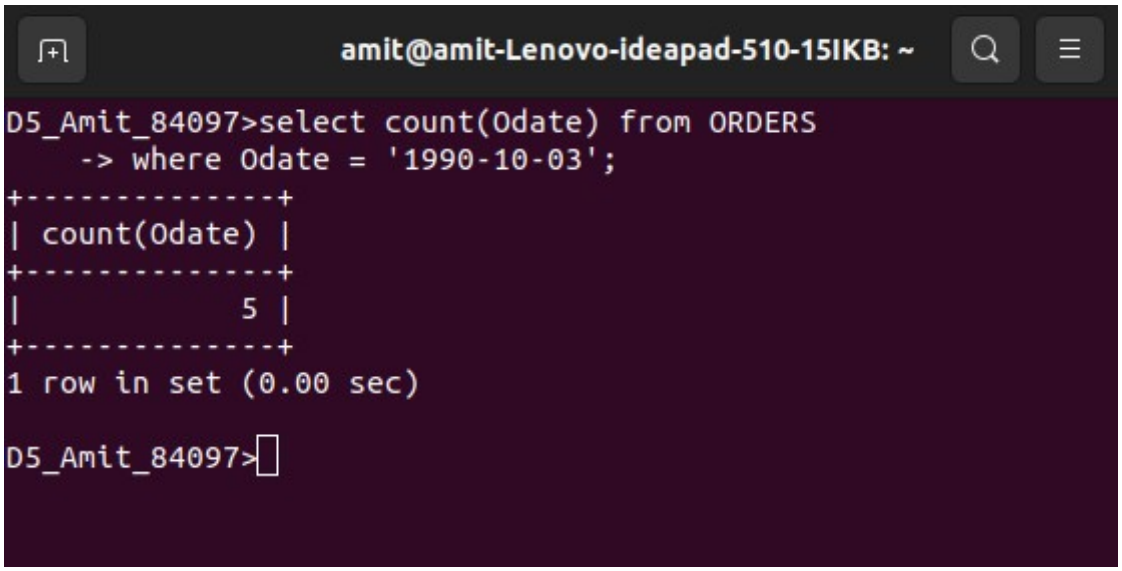
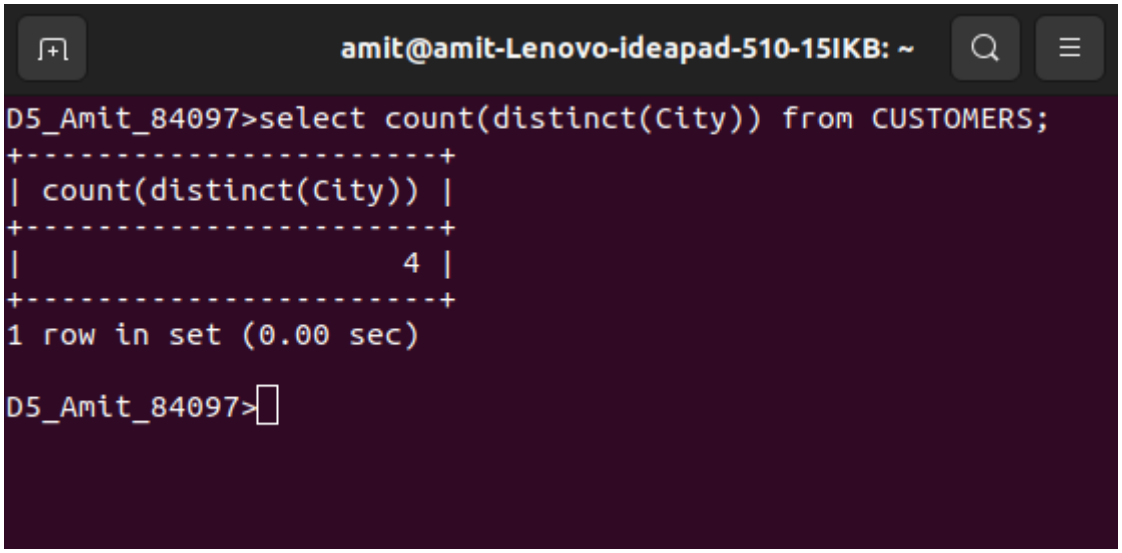
SQL Assignment – 7

Summarizing Data with Aggregate Functions.

1) Write a query that counts all orders for October 3.
Ans-: select count(Odate) from ORDERS
where Odate = '1990-10-03';

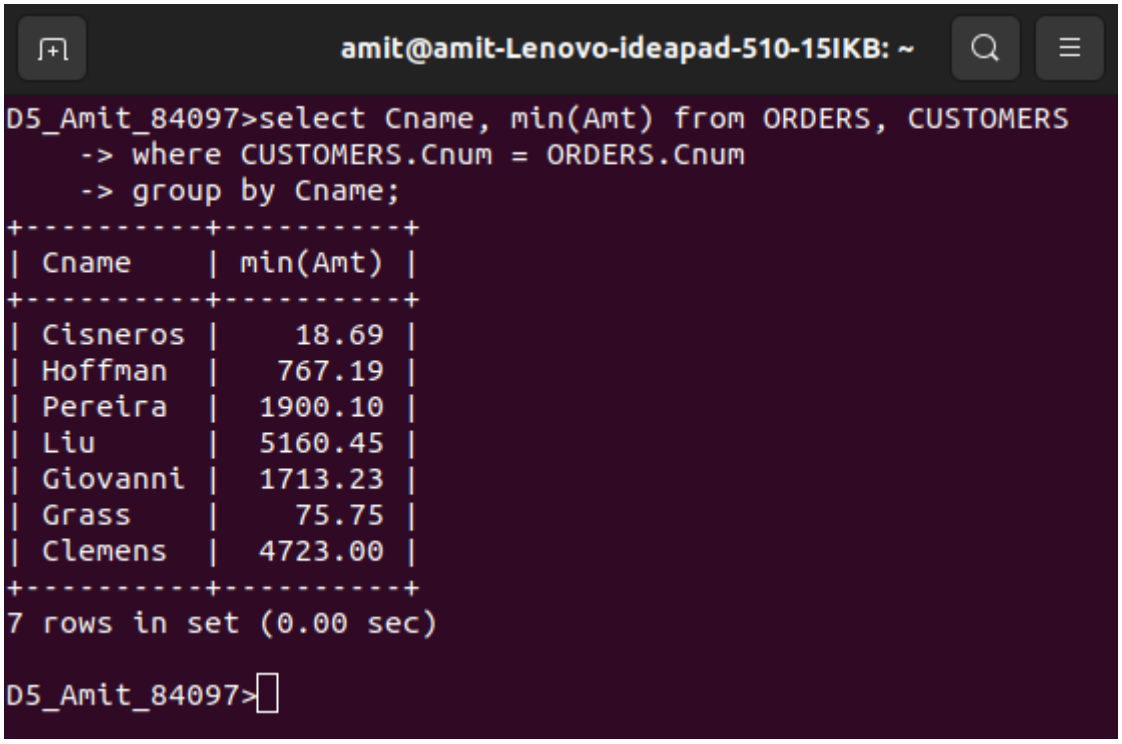


2) Write a query that counts the number of different non-NULL city values in the Customers table.
Ans-: select count(distinct(City)) from CUSTOMERS;



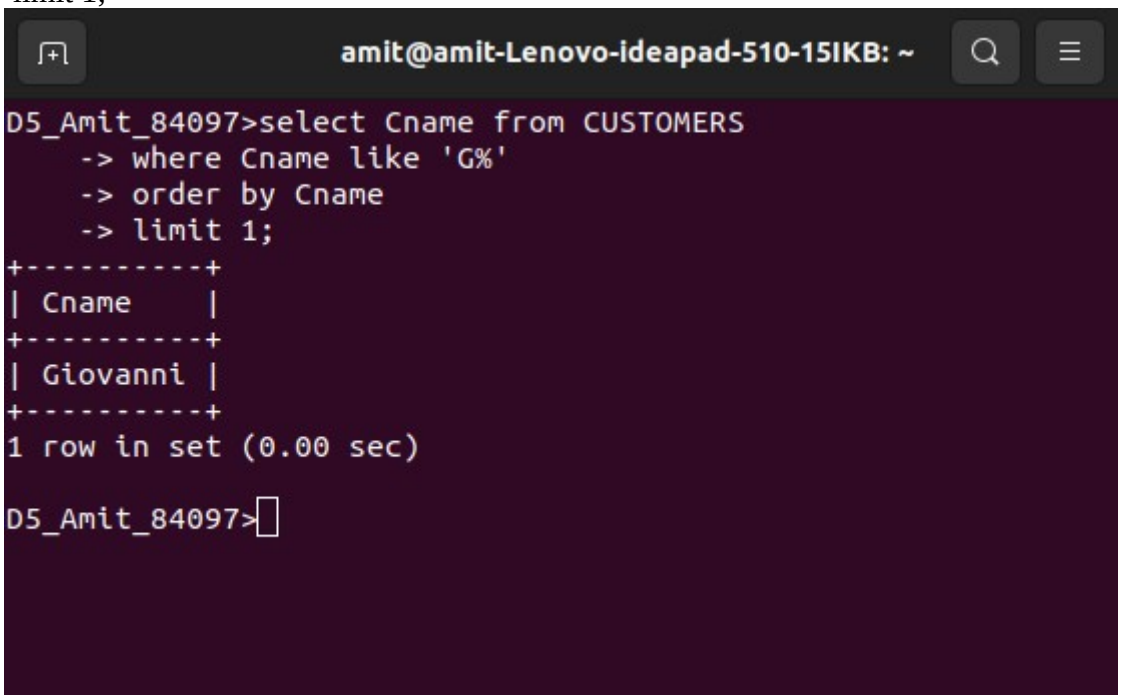
3) Write a query that selects each customer's smallest order.

Ans-: select Cname, min(Amt) from ORDERS, CUSTOMERS
where CUSTOMERS.Cnum = ORDERS.Cnum
group by Cname;



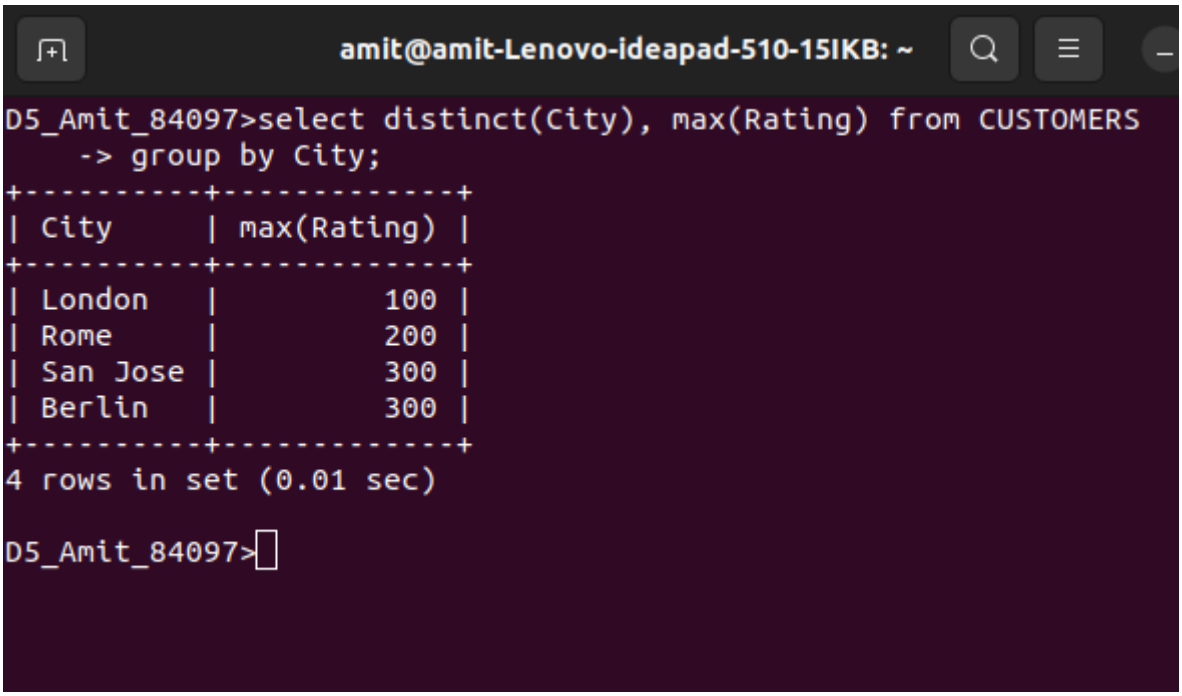
4) Write a query that selects the first customer, in alphabetical order, whose name begins with G.

Ans-: select Cname from CUSTOMERS
where Cname like 'G%'
order by Cname
limit 1;



5) Write a query that selects the highest rating in each city.

Ans-: select distinct(City), max(Rating) from CUSTOMERS
group by City;



6) Write a query that counts the number of salespeople registering orders for each day. (If a salesperson has more than one order on a givenday, he or she should be counted only once.).

Ans-: select Odate, count(distinct(Snum)) from ORDERS
group by Odate;