Assignment no 7

1. Write a query that counts all orders for October 3.

Ans: mysql> select count(odate) from orders

-> where odate = '1990-10-03';

1. Write a query that counts the number of different non-NULL city values in the Customers table.

Ans: mysql> select count(city) from customers;

1. Write a query that selects each customer’s smallest order

Ans: mysql> select cname, min(amt) from customers,orders

-> where customers.cnum = orders.cnum

-> group by cname;

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

Ans: mysql> select \* from customers

-> where cname like 'G%'

-> order by cname asc

-> limit 1;

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

Ans: mysql> select city, max(rating)

-> from customers

-> group by city;

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

Ans:

mysql> select odate, count(distinct snum)

-> from orders

-> group by odate;