***Assignment –7***

**Summarizing Data with Aggregate Functions.**

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

select count(onum) 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.

select count(city) from customers where city is not null;

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

Select customers.Cname,min(orders.amt) as min\_order\_amount from customers join orders on customers.Cnum=orders.Cnum group by customers.Cname;

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

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.

Select city,max(salary) 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 given day, he or she should be counted only once.)

Select count(odate) || ‘salespeople egistration’ “total” from orders group by odate;