Assignment 7

Summarizing Data with Aggregate Functions.
1) Write a query that counts all orders for October 3.

Ans: SELECT odate,count(*)
-> FROM orders
-> WHERE odate = '1990-10-03'
-> group by odate ;

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

Ans: SELECT COUNT(DISTINCT city) AS city_count
FROM Customers
WHERE city IS NOT NULL;

3) Write a query that selects each customerâ€™s smallest order.
Ans :
SELECT min(Amt)
-> FROM orders
-> Group By cnum;

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%'
-> group by cname;

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

ANS:

```
  select 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 given day, he or she should be
counted only once.)

Ans:

```
   select odate,count(DISTINCT snum)
   -> from orders
   -> group by odate;
```