**Assignment 7**

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

SELECT COUNT(\*) AS order\_oct

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(DISTINCT city) AS cityCount

FROM customers;

Or

mysql> SELECT COUNT(DISTINCT city) AS cityCount

FROM customers;

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

SELECT c.cnum, c.cname, MIN(o.amt) AS smallestOrder

FROM customers c

INNER JOIN orders o ON c.cnum = o.cnum

GROUP BY c.cnum, c.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(rating) as highestrating

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 odate , COUNT(DISTINCT snum) AS uniqueSalesPeople

FROM orders

GROUP BY odate;