**Assignment –7**  
Summarizing Data with Aggregate Functions.

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

**Answer -**

**SELECT count(onum) total\_order**

**FROM orders**

**WHERE odate LIKE '03-OCT-%';**

TOTAL\_ORDER  
5  
1 row selected.  
  
**2)** Write a query that counts the number of different non-NULL city values in the  
Customers table.  
**Answer -**

**SELECT count(cname) empty\_city**

**FROM customers**

**WHERE cname IS NOT NULL;**

EMPTY\_CITY  
7  
  
**3)** Write a query that selects each customer’s smallest order.  
**Answer -**

**SELECT min(amt) ) "smallest order",cnum**

**FROM orders**

**GROUP BY cnum;**

MIN(AMT)    CNUM  
  
767.19    2001  
4723    2006  
1900.1    2007  
5160.45    2003  
75.75    2004  
18.69    2008  
1713.23    2002  
  
7 rows selected.  
  
  
**4)** Write a query that selects the first customer, in alphabetical order, whose name  
begins with G.  
**Answer -**

**SELECT \***

**FROM customers**

**WHERE cname LIKE 'G%'**

**ORDER BY cname;**

CNUM    CNAME    CITY    RATING  
  
2002    Giovanni    Rome    200    1003  
2004    Grass    Berlin    300    1002  
  
2 rows selected.  
  
  
**5)** Write a query that selects the highest rating in each city.  
**Answer -**

**SELECT max(rating) "highest rating"**

**FROM customers;**

highest rating 300  
1 row selected.  
  
**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.).  
**Answer -**

**SELECT count(odate)||' SALES PERSON REGISTREDDON' "TOTAL",odate**

**FROM orders**

**GROUP BY odate;**

TOTAL    ODATE  
  
2 SALES PERSON REGISTREDD ON    04-OCT-90  
1 SALES PERSON REGISTREDD ON    05-OCT-90  
5 SALES PERSON REGISTREDD ON    03-OCT-90  
2 SALES PERSON REGISTREDD ON    06-OCT-90