**Assignment 7**

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

**Output**

mysql> select count(\*) as amt

-> from orders

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

+-----+

| amt |

+-----+

| 5 |

+-----+

1. row in set (0.04 sec)
2. Write a query that counts the number of different non-NULL city values in the Customers table.

**Output**

mysql> select count(distinct city) as citycount

-> from customers

-> where city is not null;

+-----------+

| citycount |

+-----------+

| 4 |

+-----------+

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

**Output**

mysql> select cnum,min(amt) as smallesorder

-> from orders

-> group by cnum;

+------+--------------+

| cnum | smallesorder |

+------+--------------+

| 2008 | 18.69 |

| 2001 | 767.19 |

| 2007 | 1900.1 |

| 2003 | 5160.45 |

| 2002 | 1713.23 |

| 2004 | 75.75 |

| 2006 | 4723 |

+------+--------------+

7 rows in set (0.00 sec)

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

**Output**

mysql> select cname

-> from customers

-> where cname like 'g%'

-> order by cname asc

-> limit 1;

+----------+

| cname |

+----------+

| Glovanni |

+----------+

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

**Output**

mysql> select max(rating) as rating

-> from customers;

+--------+

| rating |

+--------+

| 300 |

+--------+

1 row in set (0.00 sec)

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.).

**Output**

mysql> select count(distinct snum) as salespeoplecount

-> from orders

-> group by odate;

+------------------+

| salespeoplecount |

+------------------+

| 4 |

| 2 |

| 1 |

| 2 |

+------------------+

4 rows in set (0.01 sec)