**ASSIGNMENT-8**

**Formatting Query output.**

1. Assume each salesperson has a 12% commission. Write a query on the orders table that will produce the order number, the salesperson number, and the amount of the salesperson’s commission for that order.

Solution:

**SELECT**

**ONUM,SNUM,AMT \*0.12 AS COMMISSION**

**FROM ORDERS;**

**+------+------+------------+**

**| ONUM | SNUM | COMMISSION |**

**+------+------+------------+**

**| 3001 | 1007 | 2.24 |**

**| 3003 | 1001 | 92.06 |**

**| 3002 | 1004 | 228.01 |**

**| 3005 | 1002 | 619.25 |**

**| 3006 | 1007 | 131.78 |**

**| 3009 | 1003 | 205.59 |**

**| 3007 | 1002 | 9.09 |**

**| 3008 | 1001 | 566.76 |**

**| 3010 | 1002 | 157.19 |**

**| 3011 | 1001 | 1187.03 |**

**+------+------+------------+**

**10 rows in set (0.01 sec**)

2) Write a query on the Customers table that will find the highest rating in each city. Put the output in this form:

For the city (city), the highest rating is : (rating).

Solution:

1. Write a query that lists customers in descending order of rating. Output the rating field first, followed by the customer’s name and number.

Solution:

**SELECT RATING,CNAME,CNUM**

**FROM CUSTOMERS**

**ORDER BY RATING DESC;**

**+--------+----------+------+**

**| RATING | CNAME | CNUM |**

**+--------+----------+------+**

**| 300 | Grass | 2004 |**

**| 300 | Cisneros | 2008 |**

**| 200 | Giovanni | 2002 |**

**| 200 | Liu | 2003 |**

**| 100 | Hoffman | 2001 |**

**| 100 | Clemens | 2006 |**

**| 100 | Pereira | 2007 |**

**+--------+----------+------+**

**7 rows in set (0.01 sec)**

1. Write a query that totals the orders for each day and places the results in descending order.

Solution:

**SELECT ODATE,SUM(AMT) AS TOTAL\_ORDERS**

**FROM ORDERS**

**GROUP BY ODATE**

**ORDER BY TOTAL\_ORDERS DESC;**

**+------------+--------------+**

**| ODATE | TOTAL\_ORDERS |**

**+------------+--------------+**

**| 1990-10-06 | 11201.83 |**

**| 1990-10-03 | 8944.59 |**

**| 1990-10-05 | 4723.00 |**

**| 1990-10-04 | 1788.98 |**

**+------------+--------------+**

**4 rows in set (0.00 sec)**