***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.

mysql> select o.Onum,o.Snum,o.Amt \* 0.12 as Commision from orders o;

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

| Onum | Snum | Commision |

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

| 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 (0.00 sec)

1. 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).

mysql> select concat('for the city',City,'the highest rating is : ',MAX(Rating)) as re

sult from customers group by City;

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

| result |

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

| for the cityLondonthe highest rating is : 100 |

| for the cityRomethe highest rating is : 200 |

| for the citySan Josethe highest rating is : 300 |

| for the cityBerlinthe highest rating is : 300 |

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

4 rows in set (0.01 sec)

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.

mysql> select Rating,Cname,Cnum from customers order by Rating desc;

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| 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 (0.00 sec)

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

*Sameer Dehadrai* Page: 1