

Assignment –8 Solution
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 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 | 1186.92 |
+-----+-----+-----+
```

```
10 rows in set (0.00 sec)
```


- 3) 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 customer
```

```
-> 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 (0.00 sec)
```

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

```
mysql> select odate, sum(amt) as total_amt
```

```
-> from orders
```

```
-> group by odate
```

```
-> order by total_amt desc;
```

```
+-----+-----+
```

```
| odate   | total_amt |
```

```
+-----+-----+
```

```
| 1990-10-06 | 11200.95 |
```

```
| 1990-10-03 | 8944.59 |
```

```
| 1990-10-05 | 4723.00 |
```

```
| 1990-10-04 | 1788.98 |
```

```
+-----+-----+
```

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

```
mysql>
```