

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.

```
select onum snum amt*0.12;
```

```
[KD2-86650-Shivali@>select onum,snum, amt*0.12 from orders;
```

onum	snum	amt*0.12
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)
```

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

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

Select city, max(rating) "the highest rating is" from customers

Group by city;

```
KD2-86650-Shivali@>select city,max(rating)"the highest rating is" from customers
group by city;
```

city	the highest rating is
London	100
Rome	200
San Jose	300
Berlin	300

```
4 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.

```
select rating,cname, cnum from customers
Order by rating desc;
```

```
[KD2-86650-Shivali@>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 (0.00 sec)
```

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

```
select odate,count(onum) from orders
group by odate
Order by count(onum) desc;
```

```
[KD2-86650-Shivali@>select odate,count(onum)from orders group by odate order by c
ount(onum) desc;
+-----+-----+
| odate      | count(onum) |
+-----+-----+
| 1990-10-03 | 5           |
| 1990-10-04 | 2           |
| 1990-10-06 | 2           |
| 1990-10-05 | 1           |
+-----+-----+
4 rows in set (0.00 sec)
```