

**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 "Commission" from orders;
```

```
D3_93025_Omkar>select onum,snum , amt * 0.12 "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

- 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).

Query:

```
>select concat('For the city,',city,', the highest rating is ',max(rating)) as Result
from customers
-> group by city;
```

```
D3_93025_Omkar>select concat('For the city,',city,', the highest rating is ',max(rating)) as Result from customers
-> group by city;
```

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

- 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.

Query:

```
select Rating ,Cname,Cnum from customers
-> order by 1 desc;
```

```
D3_93025_0mkar>select Rating ,Cname,Cnum from customers
-> order by 1 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

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

Query :  
 select Odate ,count(Onum) from orders  
 -> group by Odate  
 -> order by 1;

```
D3_93025_0mkar>select Odate ,count(Onum) from orders
-> group by Odate
-> order by 1;
```

Odate	count(Onum)
1990-10-03	5
1990-10-04	2
1990-10-05	1
1990-10-06	2

4 rows in set (0.01 sec)