

## 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.

Query -> select Onum ,Amt\*0.12 as commAmt , Snum from Orders ;

```
D2_92814_Krushna>select Onum , Amt*0.12 as commAmt, Snum from Orders ;
```

Onum	commAmt	Snum
3001	2.24	1007
3003	92.06	1007
3003	228.01	1004
3005	619.25	1007
3006	131.78	1007
3009	205.59	1003
3007	9.09	1002
3008	566.76	1001
3010	157.19	1002
3011	1187.03	1001
3020	NULL	1003

11 rows in set (0.00 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).

Query -> Concat(' For the city ', city , ', the highest rating is : ', MAX(rating)) AS result from Customers group by city ;

```
D2_92814_Krushna>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 : 200
For the city Berlin, the highest rating is : 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.

Query -> select rating , cname , cnum from customers order by rating desc ;

```
D2_92814_Krushna>select rating , cname , cnum from customers order by rating desc;
```

rating	cname	cnum
300	Grass	2004
200	Giovanni	2002
200	Liu	2003
100	Hoffman	2001
100	Clemens	2006
100	Pereira	2008

```
6 rows in set (0.04 sec)
```

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

Query ->

```
select Odate , SUM(Amt) AS total_orders from Orders group by Odate order by total_orders DESC ;
```

```
D2_92814_Krushna>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
1990-10-04	6511.98

3 rows in set (0.00 sec)