

## 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+(amt*.12) 'comm' from orders;
```

```
D3_93068_Pankaj>select onum,snum ,amt+(amt*.12) 'comm' from orders;
+-----+-----+-----+
| onum | snum | comm |
+-----+-----+-----+
| 3001 | 1007 | 20.93 |
| 3003 | 1001 | 859.25 |
| 3002 | 1004 | 2128.11 |
| 3005 | 1002 | 5779.70 |
| 3006 | 1002 | 1229.94 |
| 3009 | 1003 | 1918.82 |
| 3007 | 1002 | 84.84 |
| 3008 | 1001 | 5289.76 |
| 3010 | 1002 | 1467.14 |
| 3011 | 1001 | 11078.91 |
+-----+-----+-----+
10 rows in set (0.04 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).

```
->select concat(concat(concat('For the city ',city),' the highest rating is : '),
max(rating)) as 'Highest Rating' from customer group by city;
```

```
D3_93068_Pankaj>select concat(concat(concat('For the city ',city),' the
highest rating is : '), max(rating)) as 'Highest Rating' from custom
er group by city;
+-----+
| Highest Rating |
+-----+
| 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 |
+-----+
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 customer

-> order by rating desc;

```
D3_93068_Pankaj>select rating,cname,cnum from customer
-> order by rating desc;
+-----+-----+-----+
| rating | cname   | cnum  |
+-----+-----+-----+
| 300    | Grass   | 2004  |
| 300    | Cisnerous | 2008  |
| 200    | Giovanni | 2002  |
| 200    | LIU     | 2003  |
| 150    | Pereira | 2007  |
| 100    | Hoffman | 2001  |
| 100    | Clemens | 2006  |
+-----+-----+-----+
7 rows in set (0.03 sec)
```

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

->select odate,sum(amt) from orders group by odate

-> order by odate desc;

```
D3_93068_Pankaj>select odate,sum(amt) from orders group by odate
-> order by odate desc;
+-----+-----+
| odate   | sum(amt) |
+-----+-----+
| 1990-10-06 | 11201.83 |
| 1990-10-05 | 4723.00  |
| 1990-10-04 | 1788.98  |
| 1990-10-03 | 8944.59  |
+-----+-----+
4 rows in set (0.00 sec)
```