

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*.18 as "Comm" from orders;

```
D3_92972_Shubham>select onum, snum, amt*.18 as "Comm" from orders;
+-----+-----+-----+
| onum | snum | Comm |
+-----+-----+-----+
| 3001 | 1007 | 3.36 |
| 3003 | 1001 | 138.09 |
| 3002 | 1004 | 342.02 |
| 3005 | 1002 | 928.88 |
| 3006 | 1007 | 197.67 |
| 3009 | 1003 | 308.38 |
| 3007 | 1002 | 13.63 |
| 3008 | 1001 | 850.14 |
| 3010 | 1002 | 235.79 |
| 3011 | 1001 | 1780.54 |
+-----+-----+-----+
10 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).

select concat(concat(concat('For city ',City),' the highest rating is :'), max(rating)) as 'Highest rating' from customers group by city;

```
D3_92972_Shubham>select concat(concat(concat('For city ',City),' the highest rating is :'), max(rating)) as 'Highest rating' from customers group by city;
+-----+
| Highest rating |
+-----+
| For city London the highest rating is :100 |
| For city Rome the highest rating is :200 |
| For city San Jose the highest rating is :300 |
| For 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 customers order by rating desc;
```

```
D3_92972_Shubham>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, sum(amt)as 'sum_amt' from orders group by odate order by sum_amt desc;
```

```
D3_92972_Shubham>select odate, sum(amt)as 'sum_amt' from orders group by odate order by sum_amt desc;
+-----+-----+
| odate   | sum_amt |
+-----+-----+
| 1990-10-06 | 11201.83 |
| 1990-10-03 | 8944.59 |
| 1990-10-05 | 4723.00 |
| 1990-10-04 | 1788.98 |
+-----+-----+
4 rows in set (0.00 sec)
```