

Assignment –8
Formatting Query output.

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Batch: KD2

- 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.

```
KD2-86675-Yashwant@>select Onum, snum,Amt,amt*0.12 Commission from orders ;
+-----+-----+-----+-----+
| Onum | snum | Amt   | Commission |
+-----+-----+-----+-----+
| 3001 | 1007 | 18.69 | 2.24       |
| 3003 | 1001 | 767.19 | 92.06      |
| 3002 | 1004 | 1900.10 | 228.01     |
| 3005 | 1002 | 5160.45 | 619.25     |
| 3006 | 1007 | 1098.16 | 131.78     |
| 3009 | 1003 | 1713.00 | 205.56     |
| 3007 | 1002 | 75.75  | 9.09       |
| 3008 | 1001 | 4723.00 | 566.76     |
| 3010 | 1002 | 1309.95 | 157.19     |
| 3011 | 1001 | 9891.88 | 1187.03    |
+-----+-----+-----+-----+
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).

```
KD2-86675-Yashwant@>select City ,max(Rating) from Customers group by City;
+-----+-----+
| City   | max(Rating) |
+-----+-----+
| 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.

```
KD2-86675-Yashwant@>select rating, Cname,sum from customers order by rating;
+-----+-----+-----+
| rating | Cname  | sum  |
+-----+-----+-----+
| 100    | Hoffam | 1001 |
| 100    | Clemens | 1001 |
| 100    | Pereira | 1004 |
| 200    | Giovanni | 1003 |
| 200    | Liu     | 1002 |
| 300    | Grass   | 1002 |
| 300    | Cisneros | 1007 |
+-----+-----+-----+
7 rows in set (0.00 sec)
```

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

```
KD2-86675-Yashwant@>select distinct odate,count(Cnum) from orders group by odate order by odate;
+-----+-----+
| odate      | count(Cnum) |
+-----+-----+
| 1990-10-03 | 5           |
| 1990-10-04 | 2           |
| 1990-10-05 | 1           |
| 1990-10-06 | 2           |
+-----+-----+
4 rows in set (0.00 sec)

KD2-86675-Yashwant@>
```