

SQL ASSIGNMENT 8

Q1) 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_80143_madhurgupta>select Onum, Snum, Amt*0.12 from orders order by 1;
```

Onum	Snum	Amt*0.12
3001	1007	2.24
3002	1004	228.01
3003	1001	92.06
3005	1002	619.25
3006	1007	131.78
3007	1002	9.09
3008	1001	566.76
3009	1003	205.59
3010	1002	157.19
3011	1001	1187.03

```
10 rows in set (0.00 sec)
```

**Q2) 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)**

Q3) 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_80143_madhurgupta>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

```
7 rows in set (0.00 sec)
```

Q4) Write a query that totals the orders for each day and places the results in descending order.

```
[kd2_80143_madhurgupta>select Odate,sum(Amt)
[      -> from orders
[      -> group by Odate
[      -> order by 1 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)
```