

Assignment 8

MySQL

Database technologies

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.

```
W1_86802_Aman>select onum,snum,amt*1.12 as "AMT" from orders;
```

onum	snum	AMT
3001	1007	20.93
3003	1001	859.25
3002	1004	2128.11
3005	1002	5779.70
3006	1007	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 (0.00 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).

```
W1_86802_Aman>select city as "For the city (city)" ,max(rating) as "the highest rating is:(rating)" from customers group by city;
```

For the city (city)	the highest rating is:(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.

```
W1_86802_Aman>select rating,cnum,cname from customers order by rating desc;
```

rating	cnum	cname
300	2002	Grass
300	2008	Cisneros
200	2002	Giovanni
200	2003	Liu
100	2001	Hoffman
100	2006	Clemens
100	2007	Pereira

```
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.

```
W1_86802_Aman>select odate,sum(onum) from orders group by odate order by odate desc;
```

odate	sum(onum)
1990-10-06	6021
1990-10-05	3008
1990-10-04	6016
1990-10-03	15017

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