

## 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.

```
KD3_87283_omkar@>select onum,snum, amt*0.12 from orders;
```

onum	snum	amt*0.12
3001	1007	2.24
3003	1001	92.30
3002	1004	228.01
3005	1002	619.25
3006	1007	131.78
3009	1003	205.59
3007	1002	9.09
3008	1001	566.76
3010	1002	157.19
3011	1001	1187.03

```
10 rows in set (0.01 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).

```
KD3_87283_omkar@>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.

```
KD3_87283_omkar@>select rating, cname,cnum from customers order by rating desc;
```

rating	cname	cnum
300	Grass	2004
300	Cisneros	2008
200	Glovanni	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.

```
KD3_87283_omkar@>select odate, count(odate) as "ordercount" from orders group by odate order by ordercount desc;
```

odate	ordercount
1990-10-03	5
1990-10-04	2
1990-10-06	2
1990-10-05	1

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