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.**

```
W2_87325_Rajvardhan>SELECT o_num,s_num, amt*0.12 AS SALESPEP_COMM
    -> FROM ORDERS;
+-------+-------+---------------+
| o_num | s_num | SALESPEP_COMM |
+-------+-------+---------------+
|  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)
```

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).**

```
W2_87325_Rajvardhan>SELECT CONCAT('FOR THE CITY :: ', City, ' THE HIGHEST RATING IS :: ', MAX(Rating)) AS Max_Rat
ings
    -> FROM CUSTOMERS
    -> GROUP BY City;
+-----------------------------------------------------+
| Max_Ratings                                         |
+-----------------------------------------------------+
| FOR THE CITY :: London THE HIGHEST RATING IS :: 100   |
| FOR THE CITY :: Rome THE HIGHEST RATING IS :: 200     |
| FOR THE CITY :: San Jose THE HIGHEST RATING IS :: 300 |
| FOR THE 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.

```
W2_87325_Rajvardhan>SELECT Rating, Cname, C_num
    -> FROM CUSTOMERS
    -> ORDER BY Rating DESC;
+--------+----------+-------+
| Rating | Cname    | C_num |
+--------+----------+-------+
|    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.

```
W2_87325_Rajvardhan>SELECT Odate, SUM(Amt) AS TotalOrders
    -> FROM ORDERS
    -> GROUP BY Odate
    -> ORDER BY TotalOrders DESC;
+------------+-------------+
| Odate      | TotalOrders |
+------------+-------------+
| 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)
```