

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.

Ans:

```
SELECT OrderNumber, SalespersonID, (OrderAmount * 0.12) AS CommissionAmount  
FROM Orders;
```

- 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).

Ans:

```
SELECT CONCAT('For the city ', City, ', the highest rating is: ', MAX(Rating)) AS  
HighestRatingOutput FROM Customers GROUP BY City;
```

- 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.

Ans:

```
SELECT Rating, CustomerName, CustomerID  
FROM Customers  
ORDER BY Rating DESC;
```

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

Ans:

```
SELECT OrderDate, SUM(OrderAmount) AS TotalOrders FROM Orders GROUP BY  
OrderDate ORDER BY TotalOrders DESC;
```

