Sql Task number 5th

# Question number 1st

SELECT Name Restaurant\_Name,City Location FROM restaurants WHERE Rating >=4.5;

# Question number 2end

SELECT o.CustomerID,c.FirstName,c.LastName,COUNT(o.CustomerID) total\_number\_of\_order FROM orders o INNER JOIN customers c ON o.CustomerID=c.CustomerID GROUP by o.CustomerID;

# Question number 3rd

SELECT \* FROM restaurants WHERE CuisineType="Italian" AND City="Mumbai"

# Question number 4th

SELECT o.RestaurantID,r.Name,r.City,SUM(o.OrderAmount) Total\_Revenue FROM orders o INNER JOIN restaurants r ON o.RestaurantID=r.RestaurantID GROUP BY RestaurantID ;

# Question number 5th

SELECT o.CustomerID,c.FirstName,c.LastName,MAX(o.OrderDate) Recent\_Order FROM orders o INNER JOIN customers c ON c.CustomerID=o.CustomerID GROUP BY o.CustomerID;

# Question number 6th

SELECT c.\* FROM customers c LEFT JOIN orders o ON c.CustomerID=o.CustomerID WHERE o.CustomerID IS null

# Question number 7th

SELECT r.RestaurantID,r.Name,COUNT(re.RestaurantID) Most\_Reviewed\_Res FROM restaurants r INNER JOIN reviews re ON r.RestaurantID=re.RestaurantID GROUP BY re.RestaurantID ORDER BY COUNT(re.RestaurantID) DESC LIMIT 1

# Question number 8th

SELECT PaymentMethod,COUNT(PaymentMethod) Most\_Preferred FROM payments GROUP BY PaymentMethod ORDER BY COUNT(PaymentMethod) DESC LIMIT 1

# Question number 9th

SELECT r.RestaurantID,r.Name,r.City,sum(p.Amount) total\_revenue FROM payments p INNER JOIN orders o ON p.OrderID=o.OrderID INNER JOIN restaurants r ON r.RestaurantID=o.RestaurantID GROUP BY o.RestaurantID ORDER BY total\_revenue DESC LIMIT 5

# Question number 10th

SELECT r.RestaurantID,r.Name Restaurant\_Name ,c.FirstName,c.LastName,o.OrderStatus FROM restaurants r INNER JOIN orders o ON r.RestaurantID=o.RestaurantID INNER JOIN customers c ON c.CustomerID=o.CustomerID WHERE o.OrderStatus="Cancelled";