SQL case-based assignment with a scenario and 10 queries for a food booking application like **Zomato**.

Scenario : You are managing a database for a food delivery application like Zomato. The database includes the following tables:

1. **Restaurants**
   o `RestaurantID` (Primary Key)
   o `Name`
   o `City`
   o `CuisineType` (e.g., 'Indian', 'Chinese', 'Italian')
   o `Rating` (out of 5)
   o `AverageCostForTwo`
2. **Customers**
   o `CustomerID` (Primary Key)
   o `FirstName`
   o `LastName`
   o `Phone`
   o `City`
   o `JoinDate`
3. **Orders**
   o `OrderID` (Primary Key)
   o `CustomerID` (Foreign Key)
   o `RestaurantID` (Foreign Key)
   o `OrderDate`
   o `OrderAmount`
   o `OrderStatus` (e.g., 'Delivered', 'Cancelled', 'Pending')
4. **Reviews**
   o `ReviewID` (Primary Key)
   o `CustomerID` (Foreign Key)
   o `RestaurantID` (Foreign Key)
   o `Rating` (out of 5)
   o `Comment`
   o `ReviewDate`
5. **Payments**
   o `PaymentID` (Primary Key)
   o `OrderID` (Foreign Key)
   o `PaymentMethod` (e.g., 'Card', 'Cash', 'Wallet')
   o `Amount`
   o `PaymentDate`

Assignment Queries

1. Retrieve the names and locations of restaurants with a rating of 4.5 or higher.
2. Find the total number of orders placed by each customer.
3. List all restaurants offering "Italian" cuisine in "Mumbai".
4. Calculate the total revenue generated by each restaurant from completed orders.
5. Retrieve the most recent order placed by each customer.
6. List customers who have not placed any orders yet.
7. Identify the most reviewed restaurants.
8. Find the most preferred payment method.
9. List the top 5 restaurants by total revenue.
10. Show the details of all cancelled orders along with the customer's and restaurant's names.