**Customers Table**

| **CustomerID** | **CustomerName** | **City** |
| --- | --- | --- |
| 1 | Alice | New York |
| 2 | Bob | Chicago |
| 3 | Charlie | Los Angeles |
| 4 | David | Houston |

**Orders Table**

| **OrderID** | **CustomerID** | **OrderDate** | **TotalAmount** |
| --- | --- | --- | --- |
| 101 | 1 | 2024-02-15 | 500 |
| 102 | 2 | 2024-02-16 | 700 |
| 103 | 1 | 2024-03-01 | 200 |
| 104 | 3 | 2024-03-05 | 900 |
| 105 | 2 | 2024-03-07 | 450 |

**Tasks:**

1. Write a SQL query to find the total amount spent by each customer.
2. Write a SQL query to find customers who have never placed an order.
3. Write a SQL query to find the most recent order placed by each customer.
4. Write a SQL query to get the customer who spent the highest total amount.
5. Write a SQL query to find the number of orders placed in the month of March 2024.