import java.sql.\*;

public class Main {

// JDBC URL, username, and password of MySQL server

private static final String URL = "jdbc:mysql://localhost:3306/ecommerce";

private static final String USER = "username";

private static final String PASSWORD = "password";

public static void main(String[] args) {

// Step 1: Establishing a Connection

try (Connection connection = DriverManager.getConnection(URL, USER, PASSWORD)) {

// Step 2: Creating a Statement

Statement statement = connection.createStatement();

// Query 1: Display the total number of customers based on gender who have placed individual orders of worth at least Rs.3000

String query1 = "SELECT CUS\_GENDER, COUNT(DISTINCT CUS\_ID) AS Total\_Customers " +

"FROM customer " +

"JOIN order ON customer.CUS\_ID = order.CUS\_ID " +

"WHERE ORD\_AMOUNT >= 3000 " +

"GROUP BY CUS\_GENDER";

ResultSet resultSet1 = statement.executeQuery(query1);

System.out.println("Query 1 Result:");

while (resultSet1.next()) {

String gender = resultSet1.getString("CUS\_GENDER");

int totalCustomers = resultSet1.getInt("Total\_Customers");

System.out.println("Gender: " + gender + ", Total Customers: " + totalCustomers);

}

// Other queries can be executed similarly...

} catch (SQLException e) {

e.printStackTrace();

}

}

}