SmartBridge

Modern Application Development (Java Spring Boot)

**Week-3 Assignment**

**Student Name:** Naman Rishi

**Registration Number:** 20BCT0202

**Campus:** VIT Vellore

**JDBC Connectivity Using Java**

**Code:**

import java.sql.\*;

public class ConnectJDBC {

    public static void main(String[] args) {

        String url = "jdbc:mysql://localhost:3306/smartbridge";

        String username = "root";

        String password = "\*\*\*\*\*";

        try {

            // Load the JDBC driver

            Class.forName("com.mysql.cj.jdbc.Driver");

            // Establish the connection

            Connection connection = DriverManager.getConnection(url, username, password);

            // Execute a query

            Statement statement = connection.createStatement();

            ResultSet resultSet = statement.executeQuery("SELECT \* FROM customers");

            // Process the result set

            ResultSetMetaData metaData = resultSet.getMetaData();

            int ncol = metaData.getColumnCount();

            for (int i = 1; i <= ncol; i++) {

                System.out.print(metaData.getColumnName(i) + "\t\t");

            }

            System.out.println();

            while (resultSet.next()) {

                // Process each row

                for (int i = 1; i <= ncol; i++) {

                    System.out.print(resultSet.getString(i) + "\t");

                }

                System.out.println();

            }

            // Close the resources

            resultSet.close();

            statement.close();

            connection.close();

        }

        catch (ClassNotFoundException e) {

            e.printStackTrace();

        }

        catch (SQLException e) {

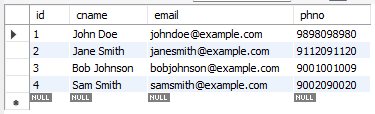
            e.printStackTrace();

        }

    }

}

**MySQL Database Customers Table**



**Output:**

