**ASSIGNMENT 3**

**JDBC CONNECTIVITY IN JAVA**

**20BCE10480**

import java.sql.\*;

public class JDBCExample {

public static void main(String[] args) {

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

String username = "your\_username";

String password = "your\_password";

Connection connection = null;

Statement statement = null;

ResultSet resultSet = null;

try {

// Step 1: Load the JDBC driver

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

// Step 2: Establish the connection

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

// Step 3: Execute the query

statement = connection.createStatement();

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

// Step 4: Process the results

while (resultSet.next()) {

String column1Value = resultSet.getString("column1");

int column2Value = resultSet.getInt("column2");

// Process the data as per your requirement

System.out.println("Column 1: " + column1Value + ", Column 2: " + column2Value);

}

} catch (ClassNotFoundException e) {

System.out.println("JDBC driver not found");

e.printStackTrace();

} catch (SQLException e) {

System.out.println("Connection error");

e.printStackTrace();

} finally {

// Step 5: Close the resources

try {

if (resultSet != null) resultSet.close();

if (statement != null) statement.close();

if (connection != null) connection.close();

} catch (SQLException e) {

e.printStackTrace();

}

}

}

}