File1.html

<!DOCTYPE html>

<html lang=*"en"*>

<head>

<meta charset=*"UTF-8"*>

<meta name=*"viewport"* content=*"width=device-width, initial-scale=1.0"*>

<title>Student Data Submission</title>

</head>

<body>

<h2>Submit Student Data</h2>

<form action=*"data"* method=*"post"*>

<label for=*"stu\_id"*>Student ID:</label>

<input type=*"number"* id=*"stu\_id"* name=*"stu\_id"* required><br><br>

<label for=*"stu\_name"*>Student Name:</label>

<input type=*"text"* id=*"stu\_name"* name=*"stu\_name"* required><br><br>

<label for=*"stu\_dept"*>Student Department:</label>

<input type=*"text"* id=*"stu\_dept"* name=*"stu\_dept"* required><br><br>

<label for=*"stu\_cgpa"*>Student CGPA:</label>

<input type=*"number"* id=*"stu\_cgpa"* name=*"stu\_cgpa"* step=*"0.1"* required><br><br>

<button type=*"submit"*>Submit</button>

</form>

</body>

</html>

Data.java

**package** ab;

**import** java.io.IOException;

**import** java.io.PrintWriter;

**import** java.sql.Connection;

**import** java.sql.DriverManager;

**import** java.sql.PreparedStatement;

**import** javax.servlet.ServletException;

**import** javax.servlet.annotation.WebServlet;

**import** javax.servlet.http.HttpServlet;

**import** javax.servlet.http.HttpServletRequest;

**import** javax.servlet.http.HttpServletResponse;

/\*\*

\* Servlet implementation class data

\*/

@WebServlet("/data")

**public** **class** data **extends** HttpServlet {

**private** **static** **final** **long** ***serialVersionUID*** = 1L;

**protected** **void** doPost(HttpServletRequest request, HttpServletResponse response) **throws** ServletException, IOException {

response.setContentType("text/html");

PrintWriter out = response.getWriter();

String stuId = request.getParameter("stu\_id");

String stuName = request.getParameter("stu\_name");

String stuDept = request.getParameter("stu\_dept");

String stuCgpa = request.getParameter("stu\_cgpa");

Connection connection = **null**;

PreparedStatement preparedStatement = **null**;

**try** {

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

connection = DriverManager.*getConnection*("jdbc:mysql://localhost:3306/student", "priya","system");

String sql = "INSERT INTO student (stu\_id, stu\_name, stu\_dept, stu\_cgpa) VALUES (?, ?, ?, ?)";

preparedStatement = connection.prepareStatement(sql);

preparedStatement.setInt(1, Integer.*parseInt*(stuId));

preparedStatement.setString(2, stuName);

preparedStatement.setString(3, stuDept);

preparedStatement.setInt(4, Integer.*parseInt*(stuCgpa));

**int** rowsInserted = preparedStatement.executeUpdate();

out.println("<html>");

out.println("<head><title>Data Submission</title></head>");

out.println("<body>");

**if** (rowsInserted > 0) {

out.println("<h2>Data Submitted Successfully</h2>");

out.println("<p>Student ID: " + stuId + "</p>");

out.println("<p>Student Name: " + stuName + "</p>");

out.println("<p>Student Department: " + stuDept + "</p>");

out.println("<p>Student CGPA: " + stuCgpa + "</p>");

} **else** {

out.println("<h2>Failed to Submit Data</h2>");

}

out.println("</body>");

out.println("</html>");

} **catch** (Exception e) {

e.printStackTrace();

out.println("<h2>Error Occurred: " + e.getMessage() + "</h2>");

} **finally** {

**try** {

**if** (preparedStatement != **null**) preparedStatement.close();

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

} **catch** (Exception e) {

e.printStackTrace();

}

}

}

}

