Experiment No. 1a

Implement a Java Servlet (SimpleServlet) that handles both HTTP GET and POST requests. The servlet should:

- For GET requests, respond with a simple HTML page that includes a form to submit a name parameter.
- For POST requests, retrieve username and password parameters from the request and respond with an HTML page displaying these parameters.

Include necessary servlet methods to read data from the client and send appropriate responses.

<u>SimpleServlet.java</u>

```java
package com.example;

import java.io.IOException;
import java.io.PrintWriter;
import javax.servlet.ServletException;
import javax.servlet.annotation.WebServlet;
import javax.servlet.http.HttpServlet;
import javax.servlet.http.HttpServletRequest;
import javax.servlet.http.HttpServletResponse;



@WebServlet("/SimpleServlet")
public class SimpleServlet extends HttpServlet {

    private static final long serialVersionUID = 1L;

    @Override
    protected void doGet(HttpServletRequest request, HttpServletResponse response) throws ServletException, IOException {
        response.setContentType("text/html");
        PrintWriter out = response.getWriter();
```
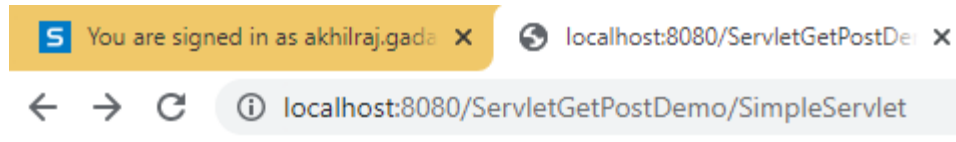
```java
        out.println("<html><body>");
        out.println("<h2>Submit Your Details</h2>");
        out.println("<form method='POST' action='SimpleServlet'>");
        out.println("Name: <input type='text' name='name'><br><br>");
        out.println("Password: <input type='password' name='password'><br><br>");
        out.println("<input type='submit' value='Submit'>");
        out.println("</form>");
        out.println("</body></html>");
    }//End of doGet() method

    @Override
    protected void doPost(HttpServletRequest request, HttpServletResponse response) throws ServletException, IOException {
        String name = request.getParameter("name");
        String password = request.getParameter("password");
        response.setContentType("text/html");
        PrintWriter out = response.getWriter();
        out.println("<html><body>");
        out.println("<h2>Submitted Data</h2>");
        out.println("Name: " + name + "<br>");
        out.println("Password: " + password + "<br>");
        out.println("</body></html>");
    } // End of doPost() method
} // End of SimpleServlet class
```
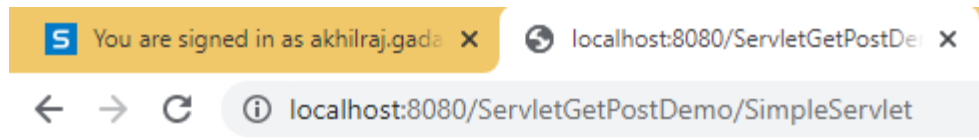
Sample Output