[program 1]

Login Form Servlet Code :

Introduction : To make a Servlet name : MyServlet1 , that takes input , the username , and the user password , the values will be posted to the MyServlet1 for the purpose of validation , then on basis of the credentials The Servlet is going to Notify user whether the Login Success or fails.

Components : Index.html , web.xml , MyServlet1.java

------------------------------------<Index.html>------------------------------------

```html
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Login Form</title>
</head>
<body>
    <form action="MyServlet1" method="post">
        Name:<input type="text" name="username"><br><br>
        Password:<input type="password" name="userpass"><br><br>
        <input type="submit" value="Login">
    </form>
</body>
</html>
```

------------------------------------<web.xml>---

```xml
<?xml version="1.0" encoding="UTF-8"?>
<web-app>
<servlet>
<servlet-name>MyServlet1</servlet-name>
<servlet-class>MyServlet1</servlet-class>
</servlet>
<servlet-mapping>
<servlet-name>MyServlet1</servlet-name>
<url-pattern>/MyServlet1</url-pattern>
</servlet-mapping>
</web-app>
```

--------------------------------<MyServlet1.java>-----------------------------------

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

public class MyServlet1 extends HttpServlet{
    public void doGet(HttpServletRequest req , HttpServletResponse
res)throws IOException , ServletException{


    }


    public void doPost(HttpServletRequest req , HttpServletResponse
res) throws IOException , ServletException{
            PrintWriter out = res.getWriter();
            out.print("<h1>Login Page</h1>");
            String user = req.getParameter("username");
            String pwd =req.getParameter("userpass");
            if(user.equalsIgnoreCase("admin") &&
pwd.equalsIgnoreCase("aayush")) {
                out.println("<p>Login Successfully</p>");
            }

            else {
                out.println("<p>Login Failed</p>");
            }
    }
}
```