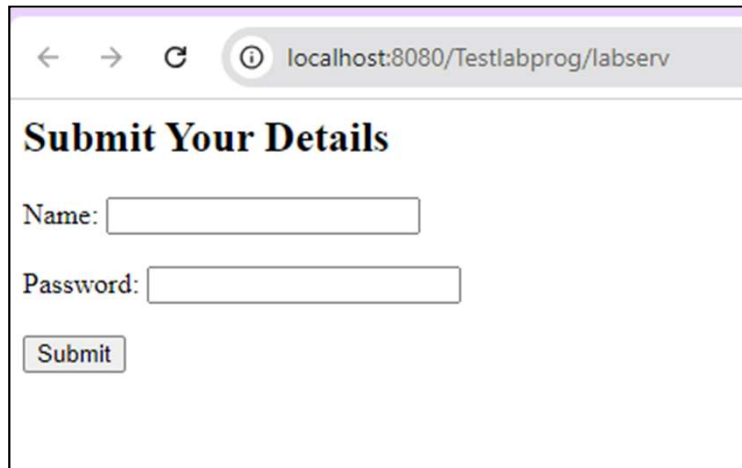


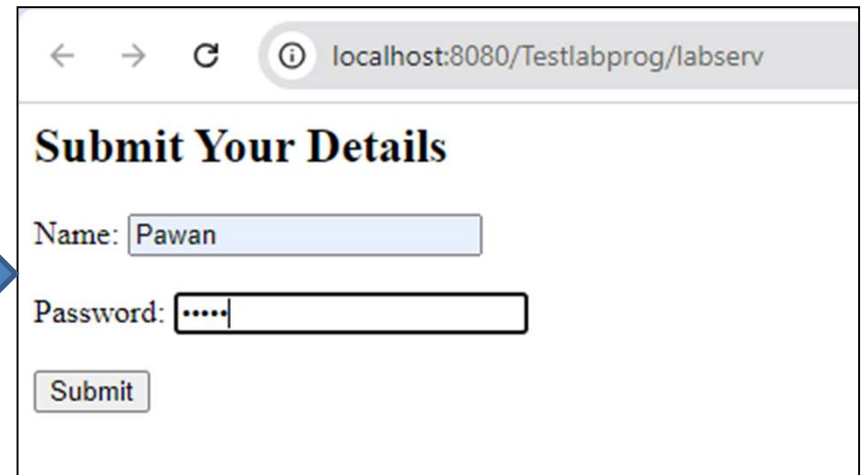
# Lab Program 1a

- Implement a Java Servlet 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.

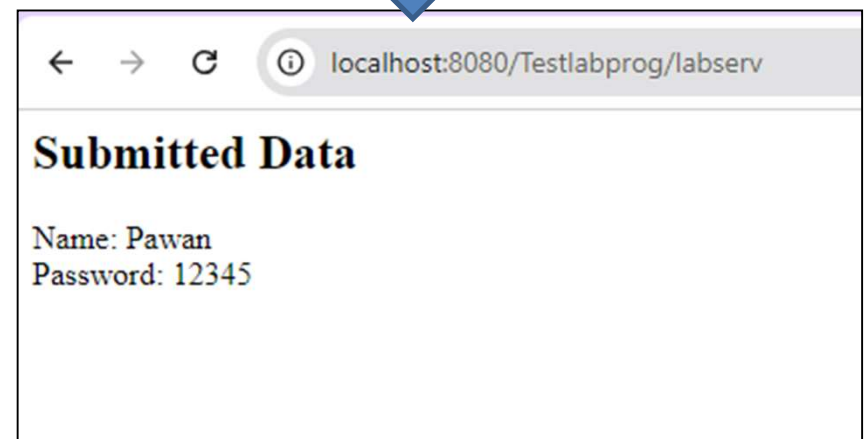
## Expected Output:




A web browser window showing a form titled "Submit Your Details". The form has two input fields: "Name:" and "Password:". The "Name:" field is empty, and the "Password:" field is also empty. Below the fields is a "Submit" button.

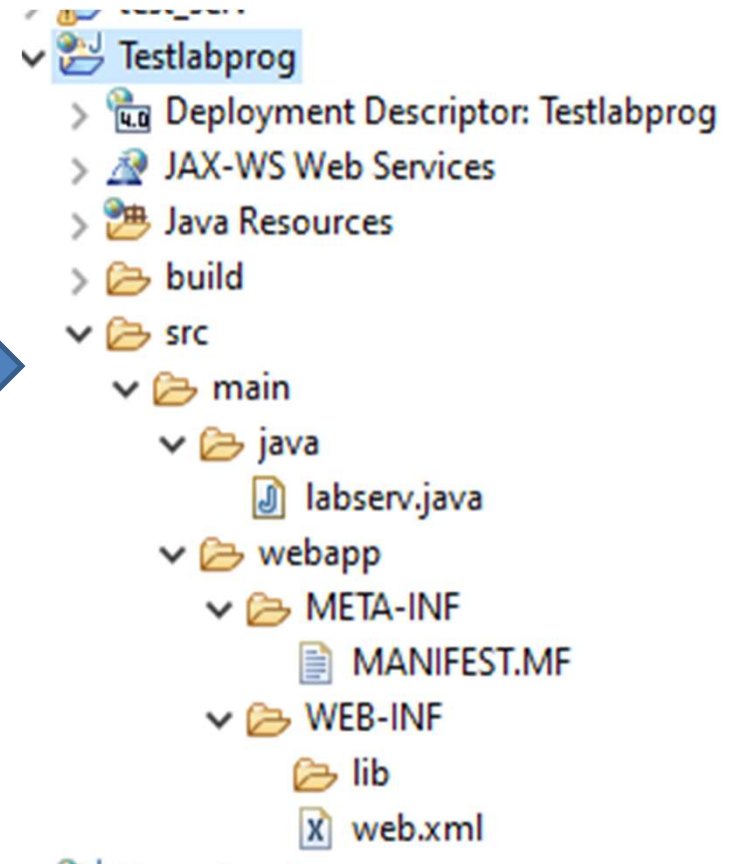


A web browser window showing the same form titled "Submit Your Details". The "Name:" field now contains the text "Pawan". The "Password:" field contains five dots, indicating a password of length 5. The "Submit" button is still present.



A web browser window showing a page titled "Submitted Data". The page displays the submitted information: "Name: Pawan" and "Password: 12345".

- Project File Structure 
- Create labserv.java with doGet and doPost Method



- Import statements

```
import java.io.*;
import javax.servlet.ServletException;
import javax.servlet.annotation.WebServlet;
import javax.servlet.http.HttpServlet;
import javax.servlet.http.HttpServletRequest;
import javax.servlet.http.HttpServletResponse;
```

- doGet Method:

```
@WebServlet("/labserv")
public class labserv extends HttpServlet {
    private static final long serialVersionUID = 1L;
    protected void doGet(HttpServletRequest request, HttpServletResponse response) throws ServletException, IOException {
        response.setContentType("text/html");
        PrintWriter out = response.getWriter();
        out.println("<html><body>");
        out.println("<h2>Submit Your Details</h2>");
        out.println("<form method='POST' action='labserv'>");
        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>");
    }
    protected void doPost(HttpServletRequest request, HttpServletResponse response) throws ServletException, IOException {
```

- doPost Method:

```
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>");  
}
```