

## **DemoServ.java**

```
import javax.servlet.http.*;
import javax.servlet.*;
import java.io.*;
@SuppressWarnings("serial")
public class DemoServ extends HttpServlet {
    @Override
    protected void doGet(HttpServletRequest req, HttpServletResponse res) throws ServletException,
    IOException {
        res.setContentType("text/html");
        PrintWriter pw = res.getWriter();
        String name = req.getParameter("name");
        // Check if name is null or empty
        if (name == null || name.trim().isEmpty()) {
            pw.println("Please enter your name.");
        } else {
            pw.println("Welcome " + name);
        }
        pw.close(); // Close PrintWriter
    }
}
```

## **web.xml**

```
<web-app xmlns="http://xmlns.jcp.org/xml/ns/javaee"
    xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
    xsi:schemaLocation="http://xmlns.jcp.org/xml/ns/javaee
    http://xmlns.jcp.org/xml/ns/javaee/web-app_3_1.xsd"
    version="3.1">
    <servlet>
        <servlet-name>SRMVEC</servlet-name>
        <servlet-class>DemoServ</servlet-class>
    </servlet>
    <servlet-mapping>
        <servlet-name>SRMVEC</servlet-name>
        <url-pattern>/welcome</url-pattern>
    </servlet-mapping>
</web-app>
```

## **index.html**

```
<!DOCTYPE html>
<html>
<head><title>Login Form</title></head>
<body>
    <form action="welcome" method="get">
        Enter your name:
        <input type="text" name="name" required><br>
        <input type="submit" value="Login">
    </form>
</body></html>
```

