

A servlet is a Java programming language class used to extend the capabilities of servers that host applications accessed by means of a request-response programming model. Servlets are used to handle requests made by web clients, typically browsers, and send responses back to the client. They are commonly used to create dynamic web applications.

### //userForm.jsp

```
<!DOCTYPE html>

<html>

<head>

    <title>User Form</title>

</head>

<body>

    <h2>User Form</h2>

    <form action="UserInfoServlet" method="post">

        First Name: <input type="text" name="firstName"><br>

        Last Name: <input type="text" name="lastName"><br>

        Email: <input type="email" name="email"><br>

        <input type="submit" value="Submit">

    </form>

</body>

</html>
```

### //UserInfoServlet

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

public class UserInfoServlet extends HttpServlet {

    protected void doPost(HttpServletRequest request, HttpServletResponse response)
```

```

        throws ServletException, IOException {
String firstName = request.getParameter("firstName");
String lastName = request.getParameter("lastName");
String email = request.getParameter("email");

response.setContentType("text/html");
response.getWriter().println("<h1>User Information</h1>");
response.getWriter().println("<p>First Name: " + firstName + "</p>");
response.getWriter().println("<p>Last Name: " + lastName + "</p>");
response.getWriter().println("<p>Email: " + email + "</p>");
    }
}

```

### **//Servlet mapping in web.xml**

```

<web-app>
    <servlet>
        <servlet-name>UserInfoServlet</servlet-name>
        <servlet-class>com.example.UserInfoServlet</servlet-class>
    </servlet>
    <servlet-mapping>
        <servlet-name>UserInfoServlet</servlet-name>
        <url-pattern>/UserInfoServlet</url-pattern>
    </servlet-mapping>
</web-app>

```