3. Write a program to demonstrate the concept of Generic Servlets
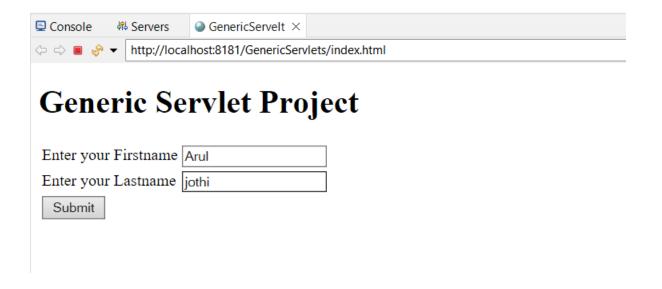
GenericServlet.java

```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 GenericServlet extends HttpServlet {
    private static final long serialVersionUID = 1L;

    public GenericServlet() {
        super();
        // TODO Auto-generated constructor stub
    }

    protected void doGet(HttpServletRequest request,
HttpServletResponse response)
            throws ServletException, IOException {
        // TODO Auto-generated method stub
        String fname = request.getParameter("fname");
        String lname = request.getParameter("lname");

        PrintWriter out = response.getWriter();
        out.println("<html><body>");
        out.println("Your full name is " + fname + " " + lname);
        out.println("</body></html>");
    }

    protected void doPost(HttpServletRequest request,
HttpServletResponse response)
            throws ServletException, IOException {
        // TODO Auto-generated method stub
        doGet(request, response);
    }

}
```

index.html

```html
<!DOCTYPE html>
<html>
<head>
<meta charset="ISO-8859-1">
<title>GenericServelt</title>
</head>
<body>
```

```html
      <h1>Generic Servlet Project</h1>
       <form method="GET" action="name">
      <table >
      <tr valign="top">
      <td width="40%">Enter your Firstname</td>
      <td><input name="fname" id="fname"   maxlength=30></td>
      </tr>
      <tr valign="top">
       <td width="40%">Enter your Lastname</td>
      <td><input name="lname" id="lname" maxlength=30></td>
      </tr>
       <tr valign="top">
      <td colspan=2 width="100%">
      <button>Submit</button>
       </td>
      </tr>
      </table>
      </form>
</body>
</head>
</html>
```

web.xml

```xml
<?xml version="1.0" encoding="UTF-8"?>
<web-app xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xmlns="http://java.sun.com/xml/ns/javaee"
xsi:schemaLocation="http://java.sun.com/xml/ns/javaee
http://java.sun.com/xml/ns/javaee/web-app_2_5.xsd" id="WebApp_ID"
version="2.5">
  <display-name>GenericServlets</display-name>
  <welcome-file-list>
    <welcome-file>index.html</welcome-file>
    <welcome-file>index.jsp</welcome-file>
    <welcome-file>index.htm</welcome-file>
    <welcome-file>default.html</welcome-file>
    <welcome-file>default.jsp</welcome-file>
    <welcome-file>default.htm</welcome-file>
  </welcome-file-list>
  <servlet>
    <description></description>
    <display-name>GenericServlet</display-name>
    <servlet-name>GenericServlet</servlet-name>
    <servlet-class>GenericServlet</servlet-class>
  </servlet>
  <servlet-mapping>
    <servlet-name>GenericServlet</servlet-name>
    <url-pattern>/name</url-pattern>
  </servlet-mapping>
</web-app>
```

OUTPUT

Console   Servers   GenericServelt ×

http://localhost:8181/GenericServlets/index.html

Generic Servlet Project

Enter your Firstname Arul

Enter your Lastname jothi

Submit

Console   Servers   http://localhost:8181/GenericServlets/name?fname=Arul&lname=jothi ×

http://localhost:8181/GenericServlets/name?fname=Arul&lname=jothi

Your full name is Arul jothi