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

Html

```html
<!DOCTYPE html>
<html>
<head>
<meta charset="ISO-8859-1">
<title>Insert title here</title>
</head>
<body>
<h1>Welcome to the Generic Servlet</h1>
<div id="content">
</div>
<script>
// Make an AJAX request to the servlet to retrieve dynamic content
var xhr = new XMLHttpRequest();
xhr.open('GET', 'GenericServletExample', true);
xhr.onreadystatechange = function() {
if (xhr.readyState === 4 && xhr.status === 200) {
document.getElementById('content').innerHTML =
xhr.responseText;
}
};
xhr.send();
</script>
</body>
</html>
```
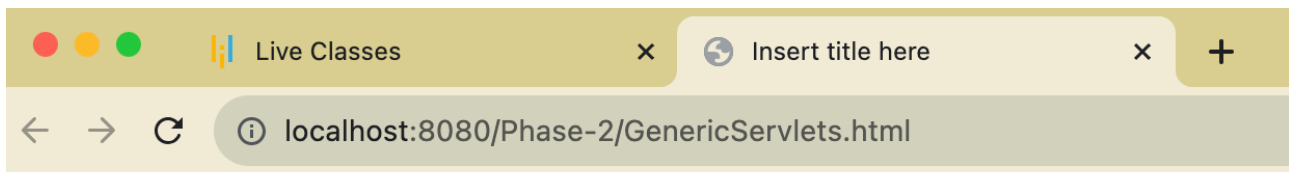
Servlet code :-

```java
package AssistedPractice;

import jakarta.servlet.ServletException;
import jakarta.servlet.annotation.WebServlet;
import jakarta.servlet.http.HttpServlet;
import jakarta.servlet.http.HttpServletRequest;
import jakarta.servlet.http.HttpServletResponse;
import java.io.IOException;

/**
 * Servlet implementation class GenericServlets
 */
public class GenericServlets extends HttpServlet {
    private static final long serialVersionUID = 1L;
```

```java
    protected void doPost(HttpServletRequest request,
HttpServletResponse response) throws ServletException,
IOException {
        response.setContentType("text/html");
        response.getWriter().println("<html><body>");
        response.getWriter().println("<h1>Hello from
GenericServlet!</h1>");
        response.getWriter().println("<p>This is a
demonstration of a generic servlet with HTMLcontent.</p>");
        response.getWriter().println("</body></html>");
        doGet(request, response);
    }

}
```

Output :-

Welcome to the Generic Servlet