4.Write a program to demonstrate the concept of Servlet Classes and Interfaces.

```java
// servlet code :
package Phase2
import java.io.IOException;
import javax.servlet.ServletException;
import javax.servlet.annotation.WebServlet;
import javax.servlet.http.HttpServlet;
import javax.servlet.http.HttpServletRequest;
import javax.servlet.http.HttpServletResponse;

public class ServletDemo extends HttpServlet {
    private static final long serialVersionUID = 1L;
    protected void doGet(HttpServletRequest request, HttpServletResponse response)
    throws ServletException, IOException {
        response.setContentType("text/html");
        response.getWriter().println("<html><body>");
        response.getWriter().println("<h1>Hello from ServletDemo and interface! </h1>");
        response.getWriter().println("<p>This is a demonstration of a servlet class.</p>");
        response.getWriter().println("</body></html>");
    }
}
```
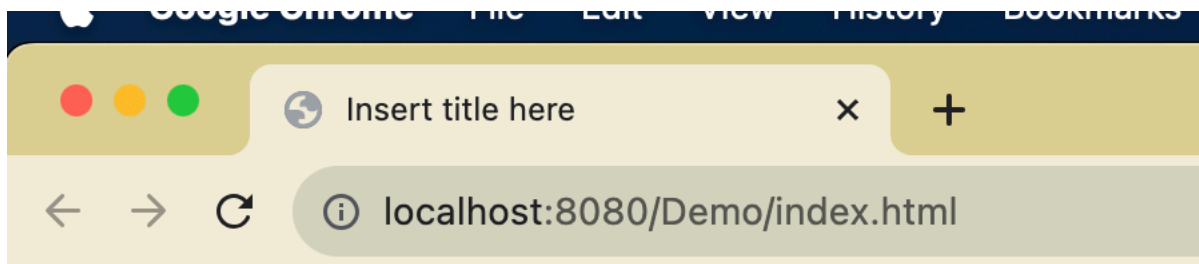
```html
Html
<!DOCTYPE html>
<html>
<head>
<meta charset="ISO-8859-1">
<title>Insert title here</title>
</head>
<body>
<script>
function fetchData() {
    fetch('ServletDemo ').then(response =>
response.text()) .then(data => {
    document.getElementById('content').innerHTML = data;
})
.catch(error => console.log(error));
}
</script>
```

```
</head>
<body onload="fetchData()">
<h1>Servlet Classes and Interfaces.</h1>
<div id="content">

</div>
</body>
</html>
```

Output ;—

Servlet Classes and Interfaces.