<!DOCTYPE html>

<**html**>

<**head**>

<**meta** charset="UTF-8">

<**title**>Servlet Interfaces</**title**>

</**head**>

<**body**>

<**a** href="interface">Show Servlet Interface</**a**>

</**body**>

</**html**>

**import java.io.\***

**import** javax.servlet.**\***;

**import** javax.servlet.annotation.WebServlet;

/\*\*

**\*** Servlet implementation class InterfaceDemo

\*/

**@WebServlet("/InterfaceDemo")**

**public** **class** InterfaceDemo **implements** Servlet {

ServletConfig config=**null**;

**public** void init(ServletConfig config){

**this**.config=config;

**System**.out.println("Initialization complete");

}

**public** void service(ServletRequest req,ServletResponse res)

**throws** **IOException**,ServletException{

res.setContentType("text/html");

**PrintWriter** pwriter=res.getWriter();

pwriter.print("<html>");

pwriter.print("<body>");

pwriter.print("In the service() method<br>");

pwriter.print("</body>");

pwriter.print("</html>");

}

**public** void destroy(){

**System**.out.println("In destroy() method");

}

**public** ServletConfig getServletConfig(){

**return** config;

}

**public** **String** getServletInfo(){

**return** "This is a sample servlet info";

}

}

<?xml version="1.0" encoding="UTF-8"?>

<web-app xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns="http://xmlns.jcp.org/xml/ns/javaee" xsi:schemaLocation="http://xmlns.jcp.org/xml/ns/javaee http://xmlns.jcp.org/xml/ns/javaee/web-app\_4\_0.xsd" id="WebApp\_ID" version="4.0">

<display-name>Servlet Interface</display-name>

<welcome-file-list>

<welcome-file>index.html</welcome-file>

<welcome-file>index.htm</welcome-file>

<welcome-file>index.jsp</welcome-file>

<welcome-file>default.html</welcome-file>

<welcome-file>default.htm</welcome-file>

<welcome-file>default.jsp</welcome-file>

</welcome-file-list>

<servlet>

<servlet-name>InterfaceDemo</servlet-name>

<servlet-class>InterfaceDemo</servlet-class>

</servlet>

<servlet-mapping>

<servlet-name>InterfaceDemo</servlet-name>

<url-pattern>/interface</url-pattern>

</servlet-mapping>

</web-app>