**Phase 2: Practice Project:Assissted Practice: 1**

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

Source Code:

Index.html:

<!DOCTYPE html>

<html>

<head>

<meta charset="UTF-8">

<title>Insert title here</title>

</head>

<body>

<pstyle="text-align: center; width: 100%"";>

<a href="InterfaceDemo"> Servlet Interface </a>

</p>

</body>

</html>

InterfaceDemo:

**package** com.p2;

**import** java.io.IOException;

**import** java.io.PrintWriter;

**import** javax.servlet.ServletConfig;

**import** javax.servlet.ServletException;

**import** javax.servlet.ServletRequest;

**import** javax.servlet.ServletResponse;

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

**import** javax.servlet.http.HttpServlet;

**import** javax.servlet.http.HttpServletRequest;

**import** javax.servlet.http.HttpServletResponse;

@WebServlet("/InterfaceDemo")

**public** **class** InterfaceDemo **extends** HttpServlet {

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";

}

}

Output:

