**Phase 2: Practice Project: Assisted Practice: 1**

**Question: 04**

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

**Source Code:**

**Index.html**

<!DOCTYPE html>

<html>

<head>

<meta charset="ISO-8859-1">

<title>Insert title here</title>

</head>

<body>

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

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

</p>

</body>

</html>

**ClassAndInterface.java**

**package** ClassAndInterface;

**import** java.io.IOException;

**import** java.io.PrintWriter;

**import** javax.servlet.Servlet;

**import** javax.servlet.ServletConfig;

**import** javax.servlet.ServletException;

**import** javax.servlet.ServletRequest;

**import** javax.servlet.ServletResponse;

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

@WebServlet("/ClassAndInterface")

**public** **class** ClassAndInterface **implements** Servlet {

ServletConfig config=**null**;

@Override

**public** **void** destroy() {

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

}

@Override

**public** ServletConfig getServletConfig() {

**return** config;

}

@Override

**public** String getServletInfo() {

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

}

@Override

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

**this**.config=config;

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

}

@Override

**public** **void** service(ServletRequest req, ServletResponse res) **throws** ServletException, IOException {

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>");

}

}

**Output:**



