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

**Question: 01**

**Write a program to demonstrate the differences between GET and POST using Servlet.**

**Source Code:**

**Index.html**

<!DOCTYPE html>

<html>

<head>

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

<title>Insert title here</title>

</head>

<body>

<form action="pp1" method="get">

<input type="text" name="enter your name"/>

<input type="submit" value="Click here for doGet">

</form>

<br/>

<br/>

<form action="pp1" method="post">

<input type="text" name="enter your name"/>

<input type="submit" value="Click here for doPost">

</form>

</body>

</html>

**Servlet Code**

**package** GetAndPost;

**import** java.io.IOException;

**import** java.io.PrintWriter;

**import** javax.servlet.ServletException;

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

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

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

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

/\*\*

\* Servlet implementation class pp1

\*/

@WebServlet("/pp1")

**public** **class** pp1 **extends** HttpServlet {

**private** **static** **final** **long** ***serialVersionUID*** = 1L;

/\*\*

\* **@see** HttpServlet#HttpServlet()

\*/

**public** pp1() {

**super**();

// **TODO** Auto-generated constructor stub

}

/\*\*

\* **@see** HttpServlet#doGet(HttpServletRequest request, HttpServletResponse response)

\*/

**protected** **void** doGet(HttpServletRequest request, HttpServletResponse response) **throws** ServletException, IOException {

PrintWriter out = response.getWriter();

String name = request.getParameter("enter your name");

out.print("Hi its Harshitha here!!, doGet Method");

out.print("<br/> Hi" + " "+name);

}

/\*\*

\* **@see** HttpServlet#doPost(HttpServletRequest request, HttpServletResponse response)

\*/

**protected** **void** doPost(HttpServletRequest request, HttpServletResponse response) **throws** ServletException, IOException {

PrintWriter out = response.getWriter();

String name = request.getParameter("enter your name");

out.print("Hi its Harshitha here!!, doPost Method");

out.print("<br/> Hi" + " "+name);

}

}

**Output:**



