

Experiment No: 6

### SOURCE CODE:

```
import java.io.*;
import java.net.*;
public class InetDemo
{
    public static void main(String[] args){
    try
    {
        InetAddress ip=InetAddress.getByName("www.sinhgad.edu");
        System.out.println("Host Name : "+ip.getHostName());
        System.out.println("IP Address : "+ip.getHostAddress());
    }catch(Exception e){System.out.println(e);}
    }
}
```

### Output:

```
Host Name : www.sinhgad.edu
IP Address : 115.113.155.115
```

## SOURCE CODE:

### input.html

```
<!DOCTYPE html>
<html>
<head>
<meta charset="UTF-8">
<title>Login Page</title>
</head>
<body>
<form method="get" action="HelloServlet">
<pre>
Enter your name : <input type="text" name="t1">
<input type="submit">
<input type="reset">
</pre>
</form>
</body>
</html>
```

### HelloServlet.java

```
import java.io.IOException;
import java.io.PrintWriter;
import javax.servlet.ServletException;
import javax.servlet.http.HttpServlet;
import javax.servlet.http.HttpServletRequest;
import javax.servlet.http.HttpServletResponse;

/**
 * Servlet implementation class HelloServlet
 */
public class HelloServlet extends HttpServlet {
    private static final long serialVersionUID = 1L;

    /**
     * @see HttpServlet#HttpServlet()
     */
}
```

```

public HelloServlet() {
    super();
    // TODO Auto-generated constructor stub
}

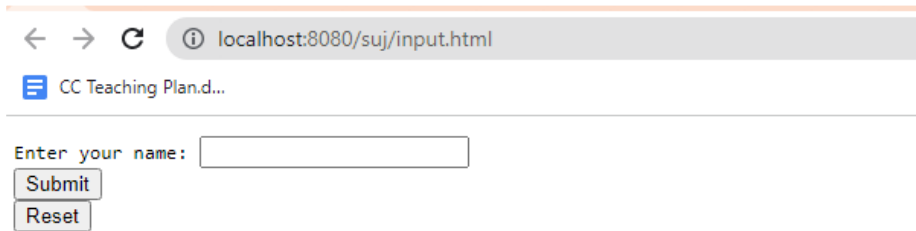
/**
 * @see HttpServlet#doGet(HttpServletRequest request, HttpServletResponse response)
 */
protected void doGet(HttpServletRequest request, HttpServletResponse response) throws
ServletException, IOException {
    // TODO Auto-generated method stub
    PrintWriter pw=response.getWriter();
    String s=request.getParameter("t1");
    pw.println("<h1>Hello,"+s);
    pw.close();
}

/**
 * @see HttpServlet#doPost(HttpServletRequest request, HttpServletResponse response)
 */
protected void doPost(HttpServletRequest request, HttpServletResponse response) throws
ServletException, IOException {
    // TODO Auto-generated method stub
    doGet(request, response);
}

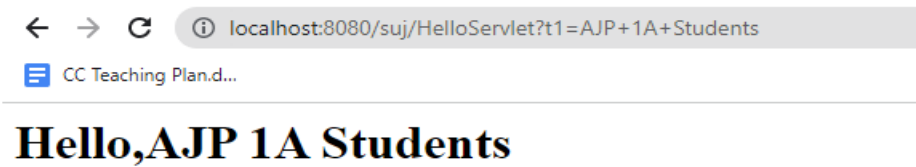
}

```

## Output:



A screenshot of a web browser window. The address bar shows 'localhost:8080/suj/input.html'. Below the address bar, there is a tab labeled 'CC Teaching Plan.d...'. The main content area of the browser displays a form with the text 'Enter your name:' followed by a text input field. Below the input field are two buttons: 'Submit' and 'Reset'.



A screenshot of a web browser window. The address bar shows 'localhost:8080/suj/HelloServlet?t1=AJP+1A+Students'. Below the address bar, there is a tab labeled 'CC Teaching Plan.d...'. The main content area of the browser displays the text 'Hello,AJP 1A Students' in a large, bold, black font.

