

### 3. Write a program to demonstrate the concept of Generic Servlets:

Program:

Index.html

```
<!DOCTYPE html>
<html>
<head>
<meta charset="ISO-8859-1">
<title>Insert title here</title>
</head>
<body>
  <center>
    <form name=frmName method="GET" action="NameServlet1">
      <table width="50%" border="0">
        <tr valign="top">
          <td width="40%">Enter your firstname</td>
          <td><input name="fname" id="fname"
maxlength=30></td>
        </tr>
        <tr valign="top">
          <td width="40%">Enter your lastname</td>
          <td><input name="lname" id="lname"
maxlength=30></td>
        </tr>
        <tr valign="top">
          <td colspan=2 width="100%">
            <button>Submit</button>
          </td>
        </tr>
      </table>
    </form>
  </center>
</body>
</html>
```

NameServlet1.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 NameServlet1
 */

public class NameServlet1 extends HttpServlet {
    private static final long serialVersionUID = 1L;

    /**
     * @see HttpServlet#HttpServlet()
     */
    public NameServlet1() {
        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
        String fname = request.getParameter("fname");
        String lname = request.getParameter("lname");

        PrintWriter out = response.getWriter();
        out.println("<html><body>");
        out.println("Your full name is " + fname + " " + lname);
        out.println("</body></html>");

        response.getWriter().append("Served at:
").append(request.getContextPath());
    }

    /**
     * @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);
    }
}

```

## Web.xml:

```

<?xml version="1.0" encoding="UTF-8"?>
<web-app xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xmlns="http://java.sun.com/xml/ns/javaee"

```

```
xsi:schemaLocation="http://java.sun.com/xml/ns/javaee
http://java.sun.com/xml/ns/javaee/web-app_2_5.xsd" id="WebApp_ID" version="2.5">
  <display-name>ServletConcept</display-name>
  <welcome-file-list>
    <welcome-file>index.html</welcome-file>
    <welcome-file>index.jsp</welcome-file>
    <welcome-file>index.htm</welcome-file>
    <welcome-file>default.html</welcome-file>
    <welcome-file>default.jsp</welcome-file>
    <welcome-file>default.htm</welcome-file>
  </welcome-file-list>
  <servlet>
    <description></description>
    <display-name>NameServlet1</display-name>
    <servlet-name>NameServlet1</servlet-name>
    <servlet-class>NameServlet1</servlet-class>
  </servlet>
  <servlet-mapping>
    <servlet-name>NameServlet1</servlet-name>
    <url-pattern>/NameServlet1</url-pattern>
  </servlet-mapping>
</web-app>
```

Output:



