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**LAB EX:DEVELOP HTML FORM AND PROCESS IT USING
SERVLET**

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AIM:

Develop the html form and process it using servlet.

PROCEDURE:

- First configure the Apache Tomcat in your netbeans IDE.
- Select web application from the new project list.
- Code some html tag to develop a login page of the user.
- Then in the source package right click and select servlet
- In the servlet print the username and age of the user who login in that page.
- Run the program the screen visible in browser.

SOURCE CODE:

Index.html:

```
<html>

<head>

<title>TODO supply a title</title>

<meta charset="UTF-8">

<meta name="viewport" content="width=device-width, initial-scale=1.0">

</head>

<body>

<div>Form using Servlet</div>

</body>

<div>Servlet Application</div>

<form method="post" action="NewServlet1">

    Username :<input type="text" name="username" /><br/><br/>

    Age :<input type="text" name="age" /><br/><br/>

    <input type="submit" value="Login" />

</form>

</body>

</html>
```

Servlet.java:

```
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;
import static org.apache.tomcat.jni.Lock.name;

/**
 *
 * @author Isha
 */
@WebServlet(urlPatterns = {"/NewServlet1"})
public class NewServlet1 extends HttpServlet {

    /**
     * Processes requests for both HTTP <code>GET</code> and <code>POST</code>
     * methods.
     *
     * @param request servlet request
     * @param response servlet response
     *
     * @throws ServletException if a servlet-specific error occurs
     * @throws IOException if an I/O error occurs
     */
    protected void service(HttpServletRequest request, HttpServletResponse response)
        throws ServletException, IOException {
```

```

response.setContentType("text/html;charset=UTF-8");

try (PrintWriter out = response.getWriter()) {

    /* TODO output your page here. You may use following sample code. */

    out.println("<!DOCTYPE html>");

    out.println("<h1>Welcome to servlet</h1>");

    // read form fields

    String Username = request.getParameter("username");

    String Age = request.getParameter("age");

    out.println( "NAME:"+Username);

    out.println("<br>");

    out.println("AGE:"+Age);

}

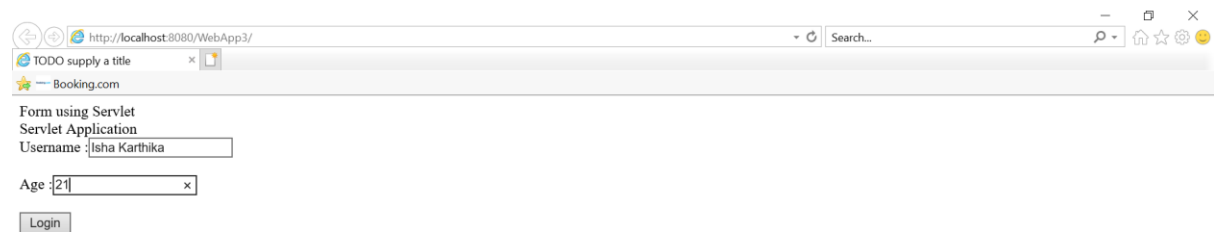
}

}

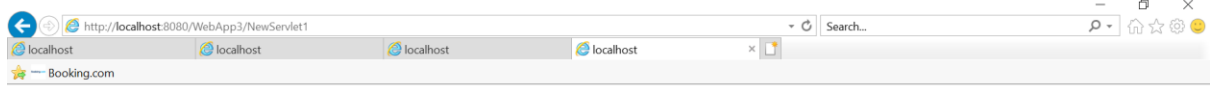
```

OUTPUT:

Login page:



Servlet.java page:



Welcome to servlet

NAME:Isha Karthika
AGE:21

RESULT:

Thus we successfully created HTML form and process it using Servlet.