**JSP:**

**Server:**

import jakarta.servlet.ServletException;

import java.util.\*;

import jakarta.servlet.annotation.WebServlet;

import jakarta.servlet.http.HttpServlet;

import jakarta.servlet.http.HttpServletRequest;

import jakarta.servlet.http.HttpServletResponse;

import jakarta.servlet.http.HttpSession;

import java.io.IOException;

@WebServlet("/Server")

public class Server extends HttpServlet {

private static final long serialVersionUID = 1L;

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

String task=request.getParameter("task");

HttpSession session=request.getSession();

List<String> tasks = (List<String>) session.getAttribute("tasks");

if(tasks==null) {

tasks=new ArrayList<>();

}

tasks.add(task);

session.setAttribute("tasks", tasks);

response.sendRedirect("todo.jsp");

}}

**Server1 file:**

import jakarta.servlet.ServletException;

import jakarta.servlet.annotation.WebServlet;

import jakarta.servlet.http.HttpServlet;

import jakarta.servlet.http.HttpServletRequest;

import jakarta.servlet.http.HttpServletResponse;

import java.io.IOException;

@WebServlet("/Server1")

public class Server1 extends HttpServlet {

private static final long serialVersionUID = 1L;

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

request.getRequestDispatcher("todo.jsp").forward(request, response);

}

}

**Index.jsp:**

<%@ **page** language=*"java"* contentType=*"text/html; charset=ISO-8859-1"*

pageEncoding=*"ISO-8859-1"*%>

<!**DOCTYPE** html>

<**html**>

<**head**>

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

<**title**>To-Do-List</**title**>

<**style**>

body {

font-family: *sans-serif*;

background-color: *#f0f0f0*;

padding: *20px*;

}

div {

background-color: *#ffffff*;

width: *300px*;

margin: *auto*;

padding: *20px*;

border: *1px solid #ccc*;

}

h1 {

text-align: *center*;

}

input[type="text"] {

width: *100%*;

padding: *8px*;

margin-bottom: *10px*;

box-sizing: *border-box*;

}

button {

width: *100%*;

padding: *8px*;

background-color: *#007bff*;

color: *white*;

border: *none*;

}

a {

display: *block*;

text-align: *center*;

margin-top: *10px*;

color: *#007bff*;

text-decoration: *none*;

}

</**style**>

</**head**>

<**body**>

<**div**>

<**h1**>TO-Do-List</**h1**>

<**form** action=*"Server"* method=*"post"*>

<**input** type=*"text"* name=*"task"* placeholder=*"Entre new task"*>

<**button** type=*"submit"* >Add Task</**button**>

<**br**/>

<**a** href=*"Server1"*>View To Do</**a**>

</**form**>

</**div**>

</**body**>

</**html**>

Todo.jsp:

<%@ **page** language=*"java"* contentType=*"text/html; charset=UTF-8"*%>

<%@**page** import=*"java.util.\*"* %>

<%

List<String>tasks=(List<String>)session.getAttribute("tasks");

%>

<!**DOCTYPE** html>

<**html**>

<**head**>

<**title**>To-Do List</**title**>

<**style**>

body {

font-family: *sans-serif*;

background-color: *#f0f0f0*;

padding: *20px*;

}

h2 {

text-align: *center*;

}

ul {

background-color: *#ffffff*;

width: *300px*;

margin: *auto*;

padding: *15px*;

border: *1px solid #ccc*;

list-style-type: *none*;

}

li {

padding: *5px 0*;

border-bottom: *1px solid #eee*;

}

li:last-child {

border-bottom: *none*;

}

a {

display: *block*;

text-align: *center*;

margin-top: *20px*;

text-decoration: *none*;

color: *#007bff*;

}

</**style**>

</**head**>

<**body**>

<**h2**>TO-DO-List</**h2**>

<**ul**>

<%

if(tasks!=null && !tasks.isEmpty()){

for(String i:tasks){

%>

<**li**><%=i %></**li**>

<%

}

} else{

%>

<**li**>No task added yet</**li**>

<% }%>

</**ul**>

<**a** href=*"index.jsp"*>Go Back</**a**>

</**body**>

</**html**>

**Web.xml:**

<?**xml** version=*"1.0"* encoding=*"UTF-8"*?>

<**web-app** xmlns:xsi=*"http://www.w3.org/2001/XMLSchema-instance"* xmlns=*"https://jakarta.ee/xml/ns/jakartaee"* xsi:schemaLocation=*"https://jakarta.ee/xml/ns/jakartaee https://jakarta.ee/xml/ns/jakartaee/web-app\_5\_0.xsd"* id=*"WebApp\_ID"* version=*"5.0"*>

<**display-name**>To\_Do\_List</**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**>Server</**display-name**>

<**servlet-name**>Server</**servlet-name**>

<**servlet-class**>Server</**servlet-class**>

</**servlet**>

<**servlet-mapping**>

<**servlet-name**>Server</**servlet-name**>

<**url-pattern**>/Server</**url-pattern**>

</**servlet-mapping**>

<**servlet**>

<**description**></**description**>

<**display-name**>Server1</**display-name**>

<**servlet-name**>Server1</**servlet-name**>

<**servlet-class**>Server1</**servlet-class**>

</**servlet**>

<**servlet-mapping**>

<**servlet-name**>Server1</**servlet-name**>

<**url-pattern**>/Server1</**url-pattern**>

</**servlet-mapping**>

</**web-app**>