OPEN SOURCE SOFTWARE LAB (15B17CI575)

Lab Assignment 8 (Practice Lab)

Odd 2021

Week 15: 29 Nov- 4 Dec

Topic Coverage: Java Servlet and Java Sever Pages (JSP)

Patil Amit Gurusidhappa

19104004

B11

Calculator function using server let

package com.demoApp;

import java.io.IOException;

import java.io.PrintWriter;

import javax.servlet.http.HttpServlet;

import javax.servlet.http.HttpServletRequest;

import javax.servlet.http.HttpServletResponse;

public class AddServelet extends HttpServlet{

    public void service(HttpServletRequest req, HttpServletResponse res) throws IOException { //only service method name is allowed

        int i=Integer.parseInt(req.getParameter("num1"));

        int j=Integer.parseInt(req.getParameter("num2"));

        int k= i +j;

//      System.out.println("result is " + k);

        PrintWriter out = res.getWriter();

        out.println("result is " + k);

    }

}

Index.html

<!DOCTYPE html>

<html>

<head>

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

<title>Insert title here</title>

</head>

<body>

    <form action="add">

        Enter the 1st no : <input type="text" name="num1"><br>

        Enter the 2nd no : <input type="text" name="num2"><br>

        <input type="submit">

    </form>

</body>

</html>

Web.xml

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

<web-app xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns="http://xmlns.jcp.org/xml/ns/javaee" xsi:schemaLocation="http://xmlns.jcp.org/xml/ns/javaee http://xmlns.jcp.org/xml/ns/javaee/web-app\_4\_0.xsd" id="WebApp\_ID" version="4.0">

  <servlet>

    <servlet-name>abc</servlet-name>

    <servlet-class>com.demoApp.AddServelet</servlet-class>

  </servlet>

  <servlet-mapping>

        <servlet-name>abc</servlet-name>

        <url-pattern>/add</url-pattern>

  </servlet-mapping>

</web-app>



