

Ques1: Create a Web page to add Two numbers using servlet.

### Source Code

#### 1) HTML CODE

```
<!DOCTYPE html>
<html>
<body>
    <form action="add">
        Enter 1st number : <input type= "text" name = "num1"><br>
        Enter 2nd number : <input type= "text" name = "num2"><br>
        <input type = "submit">
    </form>
</body>
</html>
```

#### 2) XML CODE

```
<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>unique_same_name_as_mapping</servlet-name>
    <servlet-class>com.hitendra.AddServlet</servlet-class>
</servlet>

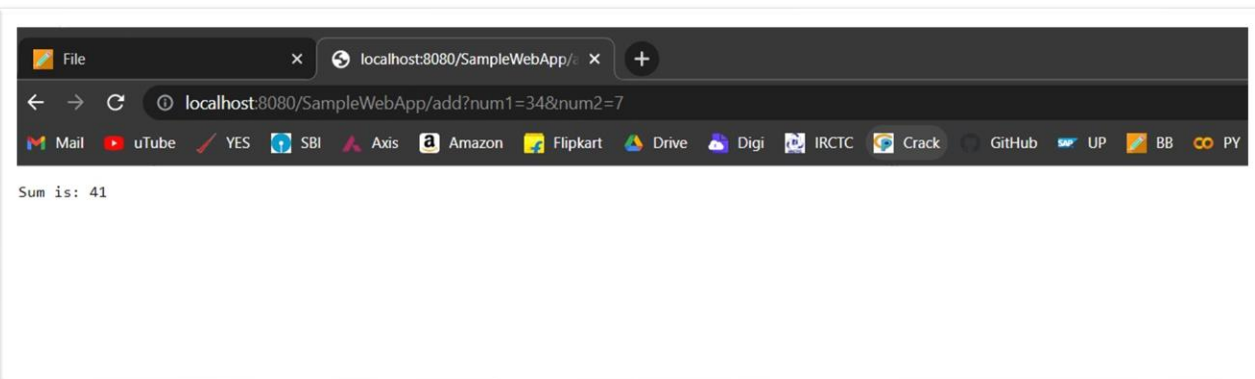
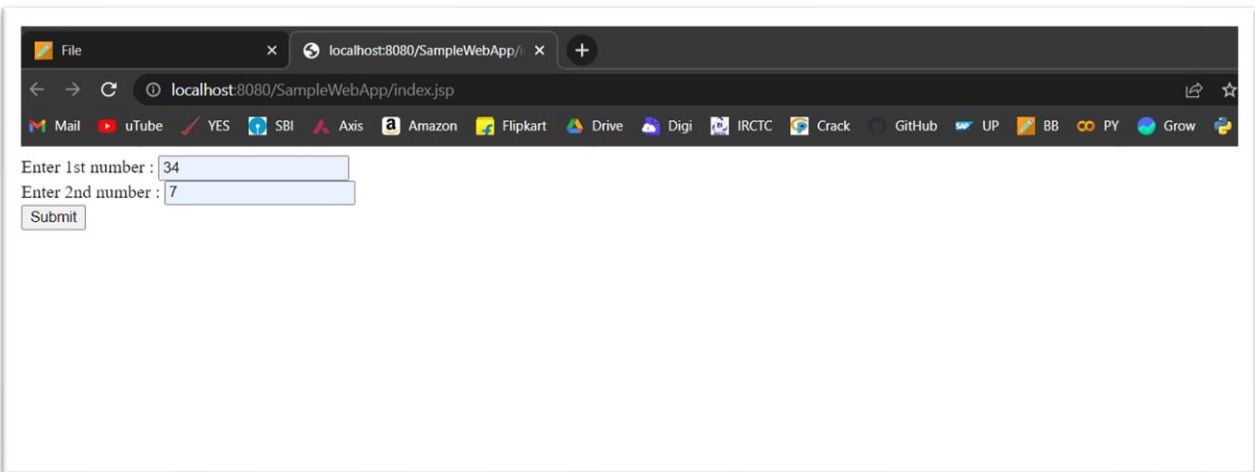
<servlet-mapping>
    <servlet-name>unique_same_name_as_mapping</servlet-name>
    <url-pattern>/add</url-pattern>
</servlet-mapping>

</web-app>
```

### 3) JAVA CODE

```
package com.hitendra;  
import java.io.*;  
import javax.servlet.ServletException;  
import javax.servlet.http.*;  
  
public class AddServlet extends HttpServlet {  
    public void service(HttpServletRequest req, HttpServletResponse  
res) throws IOException, ServletException {  
        int a = Integer.parseInt(req.getParameter("num1"));  
        int b = Integer.parseInt(req.getParameter("num2"));  
        int k = a+b;  
        PrintWriter out = res.getWriter();  
  
        out.println(k);  
    }  
}
```

### Output



Ques2: Create a Web page to add Two numbers using JSP.

### Source Code

#### 1) HTML CODE

```
<!DOCTYPE html>
<html>
<body>
    <form action="sum.jsp">
        Enter 1st number : <input type= "text" name = "num1"><br>
        Enter 2nd number : <input type= "text" name = "num2"><br>
        <input type = "submit">
    </form>
</body>
</html>
```

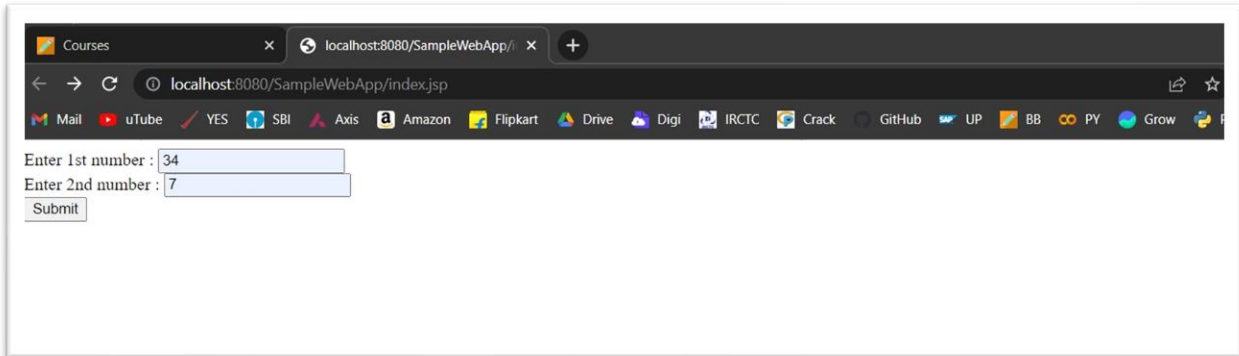
#### 2) JSP CODE

```
<%@ page language="java" contentType="text/html; charset=ISO-8859-1"
    pageEncoding="ISO-8859-1"%>
<!DOCTYPE html>
<html>
<head>
<meta charset="ISO-8859-1">
<title>Title Of This Page</title>
</head>
<body>
<%
    int a = Integer.parseInt(request.getParameter("num1"));
    int b = Integer.parseInt(request.getParameter("num2"));
    int k = a+b;
    out.println("Sum is using JSP: "+k);
%>
</body>
</html>
```

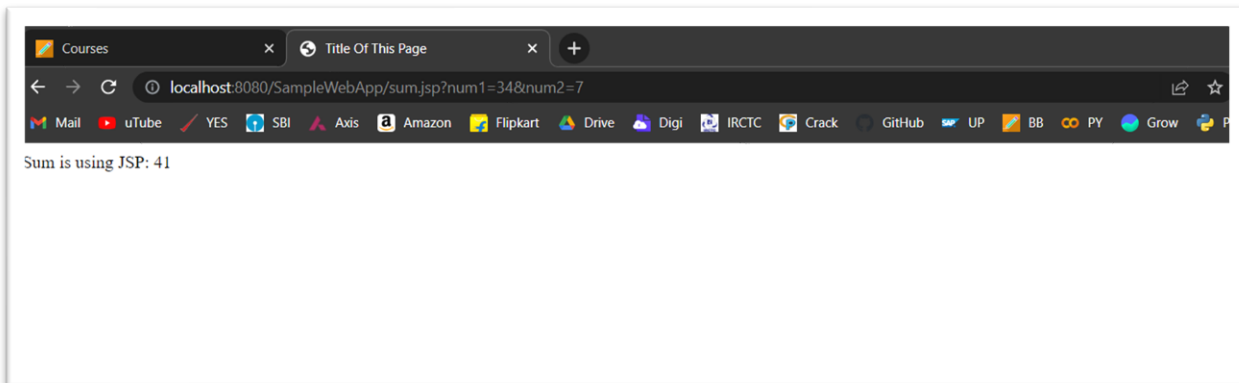
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## Lab 13

## Output



A screenshot of a web browser window. The address bar shows 'localhost:8080/SampleWebApp/index.jsp'. The page contains a form with two input fields. The first field is labeled 'Enter 1st number : ' and contains the value '34'. The second field is labeled 'Enter 2nd number : ' and contains the value '7'. Below the second field is a 'Submit' button. The browser's taskbar at the bottom shows various application icons including Mail, uTube, YES, SBI, Axis, Amazon, Flipkart, Drive, Digi, IRCTC, Crack, GitHub, UP, BB, PY, and Grow.



A screenshot of a web browser window. The address bar shows 'localhost:8080/SampleWebApp/sum.jsp?num1=34&num2=7'. The page displays the text 'Sum is using JSP: 41'. The browser's taskbar at the bottom shows various application icons including Mail, uTube, YES, SBI, Axis, Amazon, Flipkart, Drive, Digi, IRCTC, Crack, GitHub, UP, BB, PY, and Grow.