Lab 13

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

Source Code

1) HTML CODE

```html
<!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

```xml
<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>
```
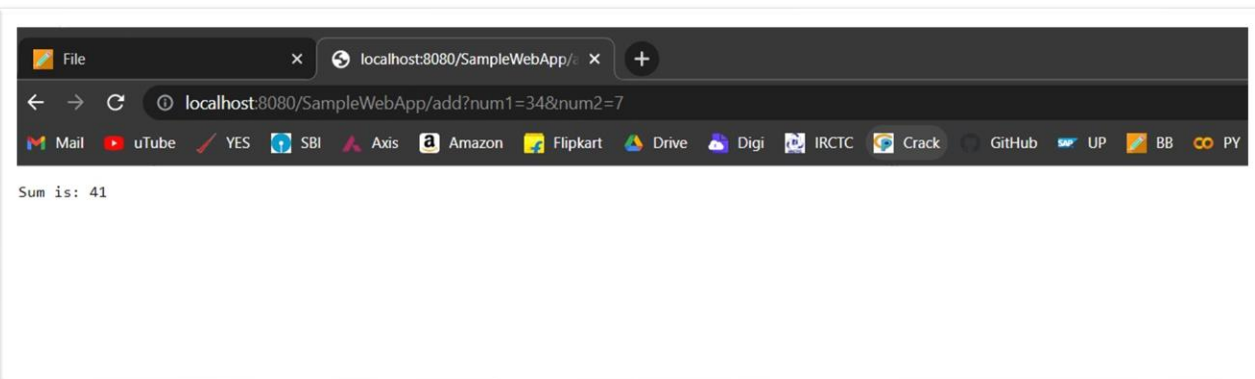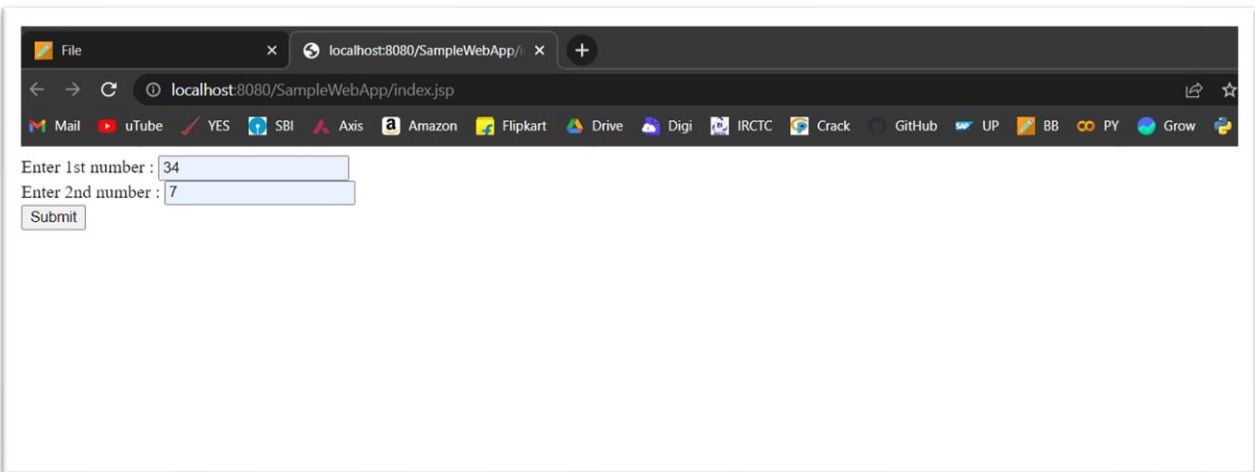
3) JAVA CODE

```java
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

Lab 13

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

Source Code

1) HTML CODE

```html
<!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>
```
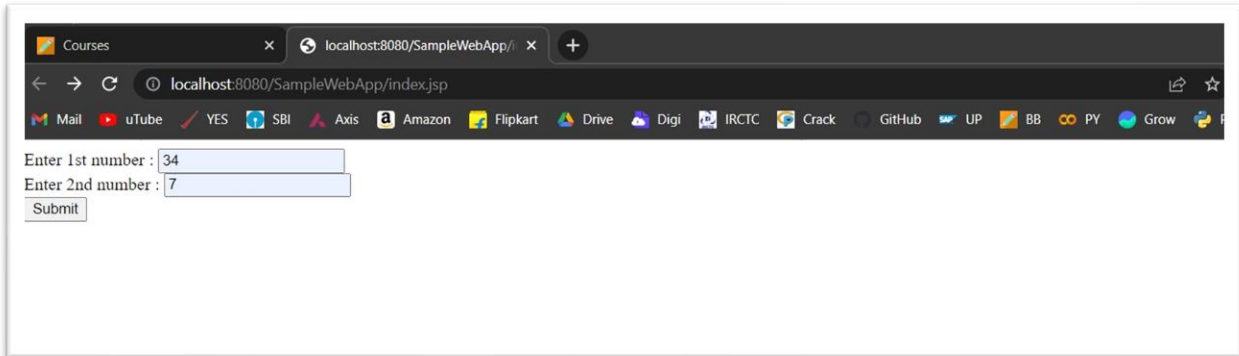
2) JSP CODE

```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>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>
```
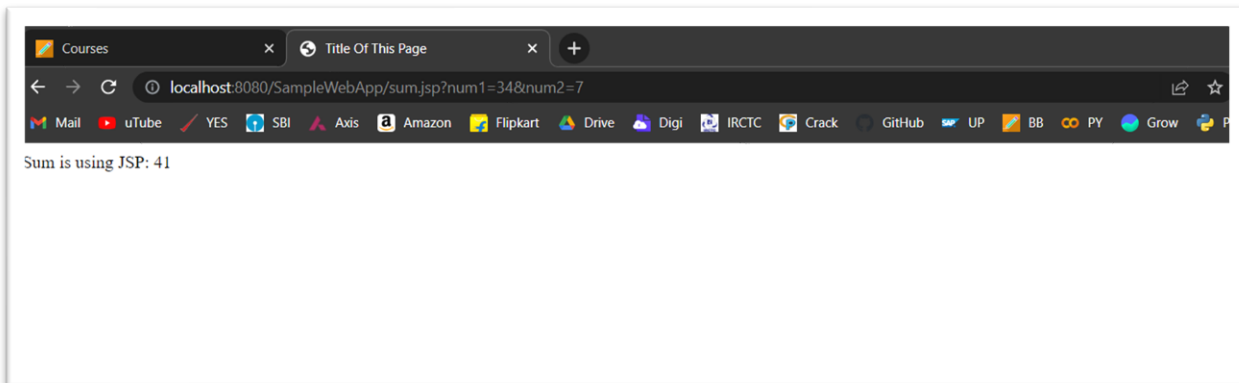
Lab 13

Output