

Practical No. 13

Aim :- Create, debug and execute program based on HTTP servlet

Theory :-

A servlet is a java class that runs in a java enabled server. An HTTP servlet is a special type of servlet that handles an HTTP request and provides an HTTP response, usually in the form of an HTML page. The most common use of webpage HTTP servlet is to create interactive applications using standard web browsers for the client-side presentation while web logic server handles the business logic as a server side process. webpage HTTP servlet can access database, Enterprise JavaBeans, messaging APIs, HTTP sessions and other facilities of weblogic server.



MyServlet.java x

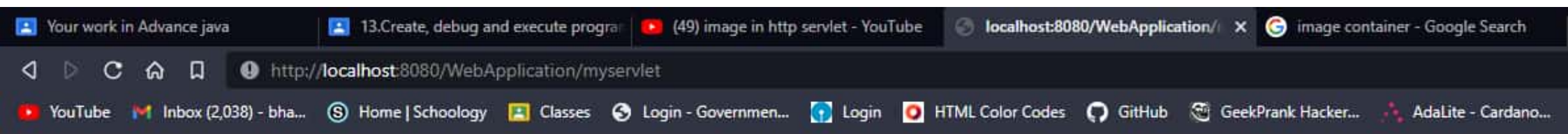
Source History

```
1 package com.practice;
2 import java.io.IOException;
3 import java.io.PrintWriter;
4 import javax.servlet.*;
5 import javax.servlet.http.*;
6 public class MyServlet extends HttpServlet
7 {
8     public void doGet(HttpServletRequest request, HttpServletResponse response) throws ServletException, IOException
9     {
10         System.out.print("this is get method.....");
11
12         response.setContentType("text/html");
13
14         PrintWriter out= response.getWriter();
15
16         out.print("<hl>Hiie!! this is bhavin and practicing HttpServlet Program</hl>");
17     }
18 }
```

index.html x web.xml x

Source General Servlets Filters Pages References Security History

```
1 <?xml version="1.0" encoding="UTF-8"?>
2
3 <web-app xmlns="http://xmlns.jcp.org/xml/ns/javaee"
4         xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
5         xsi:schemaLocation="http://xmlns.jcp.org/xml/ns/javaee http://xmlns.jcp.org/xml/ns/javaee/web-app_3_1.xsd"
6         version="3.1">
7
8     <servlet>
9         <servlet-name>myservlet</servlet-name>
10        <servlet-class>com.practice.MyServlet</servlet-class>
11    </servlet>
12
13    <servlet-mapping>
14        <servlet-name>myservlet</servlet-name>
15        <url-pattern>/myservlet</url-pattern>
16    </servlet-mapping>
17
18    <session-config>
19        <session-timeout>
20            30
21        </session-timeout>
22    </session-config>
23 </web-app>
```



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