index.html

```
<html>
 <head>
   <title>TODO supply a title</title>
   <meta charset="UTF-8">
   <meta name="viewport" content="width=device-width, initial-scale=1.0">
 </head>
 <body>
  <a href="servlet1">click here</a>
   <form>
 <body>
<html>
MyBlockFilter.java
Java
// Java Program to Illustrate MyBlockFilter
// Importing required classes
import java.io.IOException;
import java.io.PrintWriter;
// Importing all servlet classes
import javax.servlet.*;
// Class
// Implementing Filter class
public class MyBlockFilter implements Filter {
       // Method
        public void init(FilterConfig config)
               throws ServletException
       {
       }
```

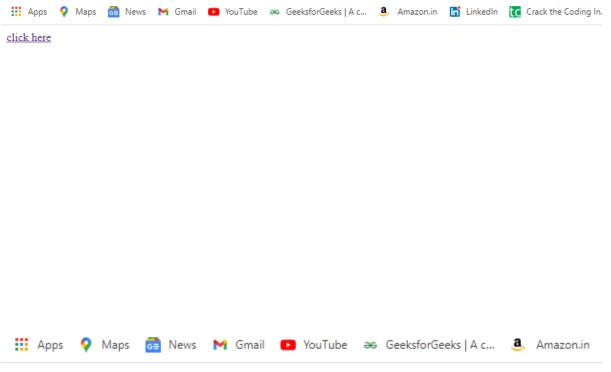
```
public void doFilter(ServletRequest req,
                                                 ServletResponse resp,
                                                 FilterChain fc)
                throws IOException, ServletException
        {
                String ip = req.getRemoteAddr();
                PrintWriter out = resp.getWriter();
                if (ip.equals("127.0.0.1")) {
                        out.print(
                                ",<h2>Your ip address is blocked ny this websites</h2>");
                }
                else {
                        fc.doFilter(req, resp);
                }
        }
        // Method
        public void destroy() {}
}
java
import java.io.IOException;
import java.io.PrintWriter;
```

// Method

```
import javax.servlet.ServletException;
import javax.servlet.http.HttpServlet;
import javax.servlet.http.HttpServletRequest;
import javax.servlet.http.HttpServletResponse;
public class HelloServlet extends HttpServlet {
public void doGet(HttpServletRequest request, HttpServletResponse response)
throws ServletException, IOException {
response.setContentType("text/html");
PrintWriter out = response.getWriter();
out.print("<h2>Hello Client welcome to my Website...</h2>");
}
}
XML
<web-app version="2.5"
xmlns="http://java.sun.com/xml/ns/javaee"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xsi:schemaLocation="http://java.sun.com/xml/ns/javaee
```

```
<servlet>
<servlet-name>HelloServlet/servlet-name>
<servlet-class>HelloServlet</servlet-class>
</servlet>
<servlet-mapping>
<servlet-name>HelloServlet/servlet-name>
<url-pattern>/servlet1</url-pattern>
</servlet-mapping>
<filter>
<filter-name>f1</filter-name>
<filter-class>MyBlockFilter</filter-class>
</filter>
<filter-mapping>
<filter-name>f1</filter-name>
<url-pattern>/servlet1</url-pattern>
</filter-mapping>
</web-app>
```

http://java.sun.com/xml/ns/javaee/web-app_2_5.xsd">



Hello Client welcome to my Website...