

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
    {
    }
}
```

```

// Method
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;
```

```
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
```

http://java.sun.com/xml/ns/javaee/web-app\_2\_5.xsd">

<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>

[click here](#)

**Hello Client welcome to my Website...**