

# 实验报告

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## 实验 1. 循环弹出对话框

### 一、实验内容

编写 index.html，实现循环弹出对话框。

### 二、实验步骤

#### 1. 相关代码：

```
function alertLoop()
{
    const messages = [
        'Hi there!',
        'Welcome to my awesome website',
        'You are trapped here',
        'Please listen',
        'I am Qian with number 213180824 from School of Cyber
Science and Engineering',
        'Apparently of South-east University',
        'Well, that is not important...']
    while(true)
    {
        messages.forEach(window.alert)
    }
}
```

#### 2. 实现：

## UI Denial-of-Service Attacks

Infinite Alert Loop

New Window

Focus Window

🌐 file://

I am Qian with number 213180824 from School of Cyber Science and Engineering

☐ Don't allow this site to prompt you again

OK

## UI Denial-of-Service Attacks

Infinite Alert Loop

New Window

Focus Window

🌐 file://

Appearently of South-east University

☐ Don't allow this site to prompt you again

OK

## 实验 2. 新建窗口随机变化位置

### 一、实验内容

编写 index.html，实现新建的窗口位置的随机变化。

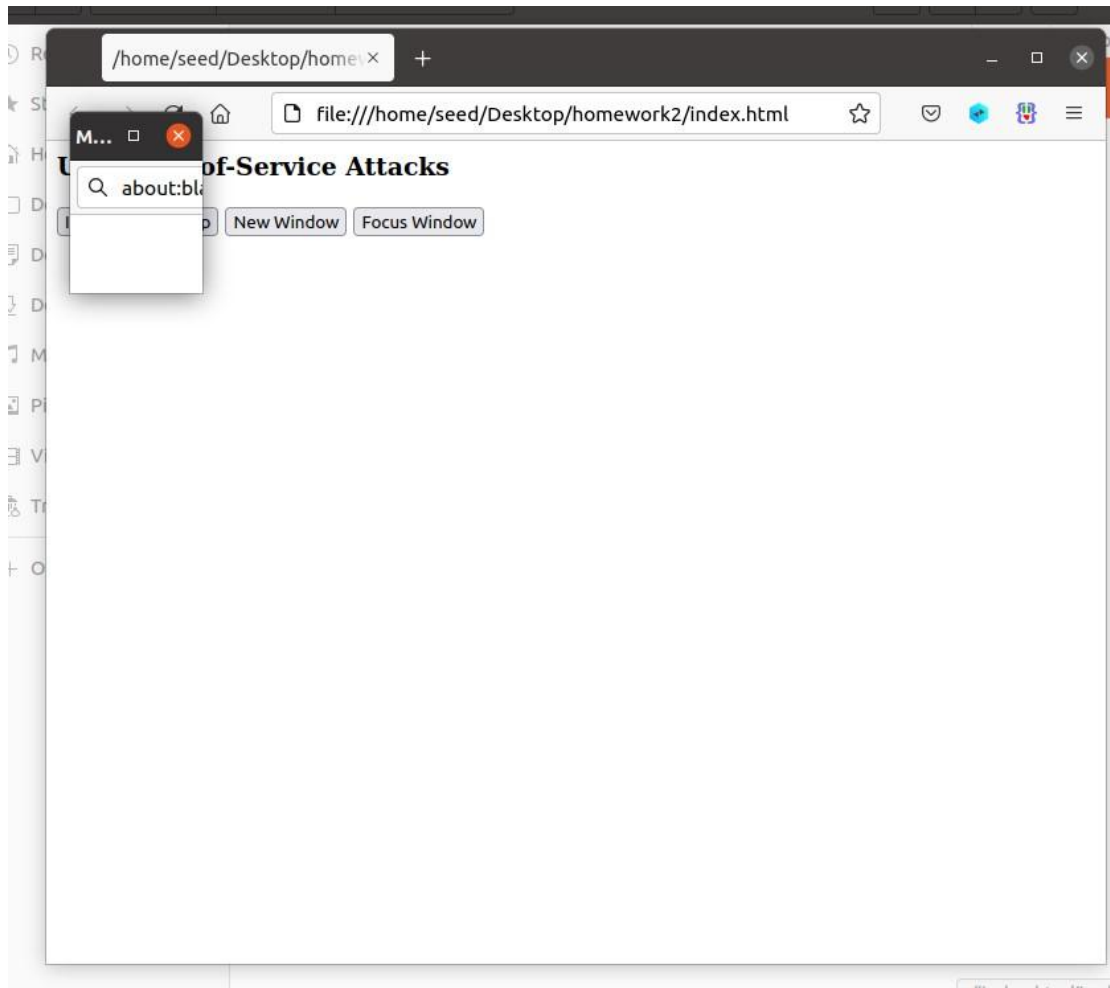
### 二、实验步骤

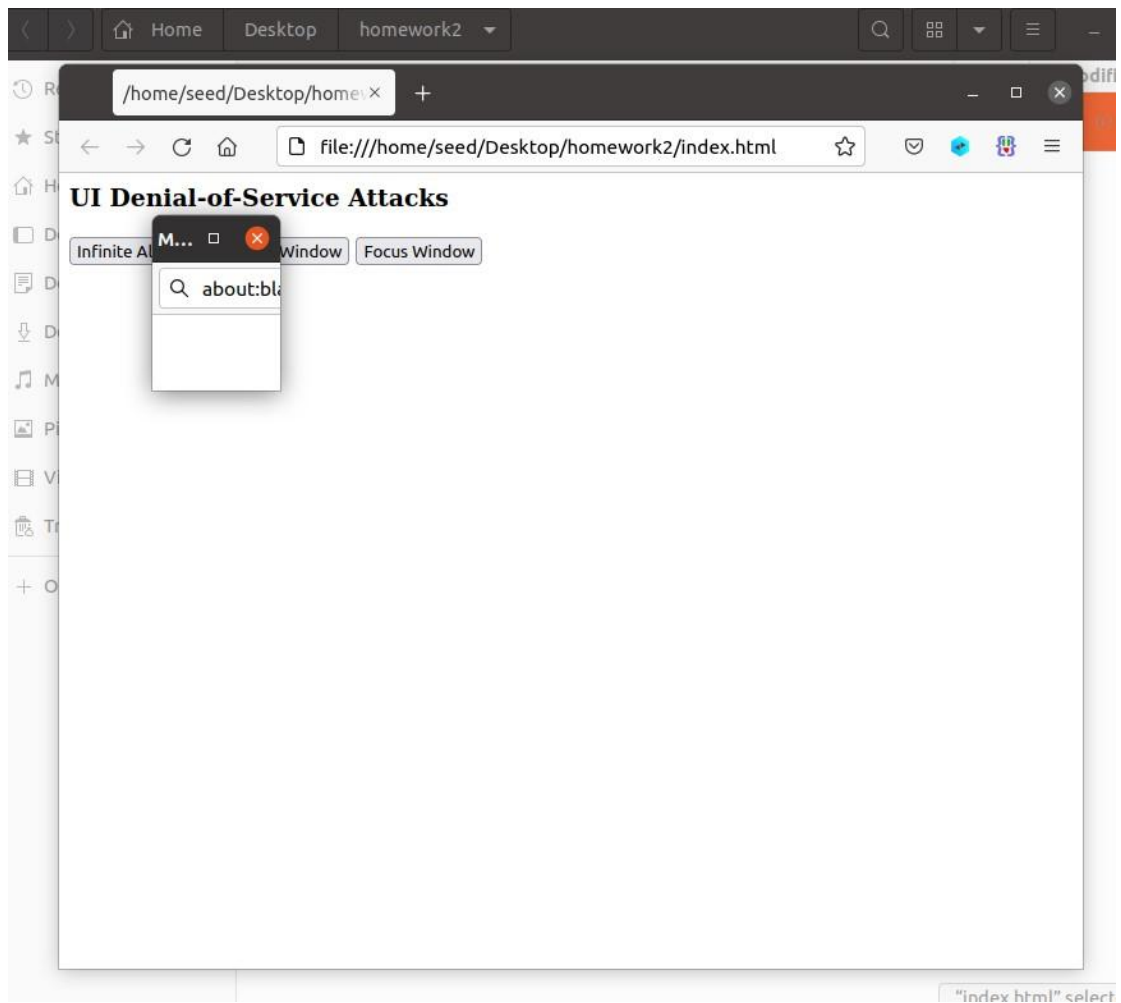
#### 1. 相关代码：

```
function newWin()  
{  
    var winArr = []  
    const win = window.open('', '', 'width=100,height=100')  
    let i=0  
    setInterval(() =>{  
        win.moveTo(i,i)  
        win.resizeTo(100,100)  
        i = (i+5) % 200  
    },100)  
    winArr.push(win)  
}
```

---

#### 2. 实现：





### 实验 3. 更改窗口焦点

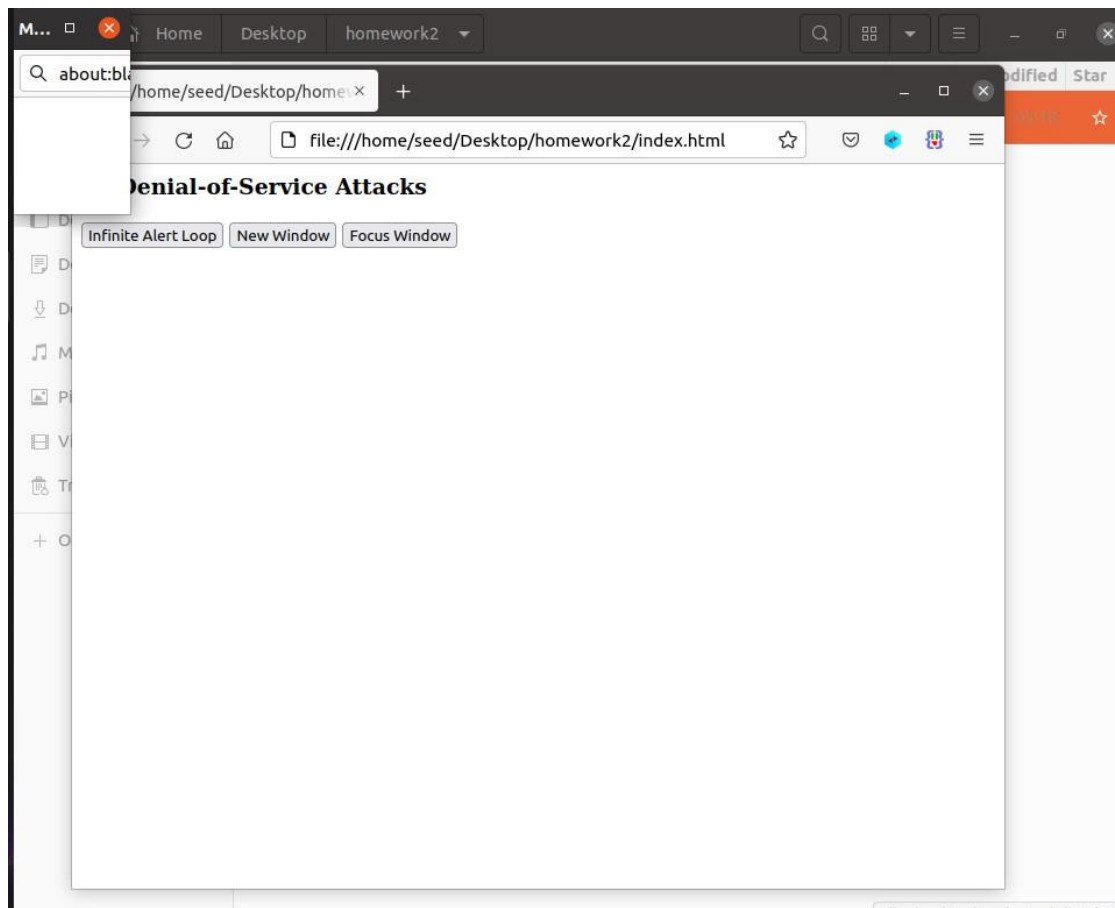
#### 一、实验内容

编写 index.html，实现新建窗口并更改焦点。

#### 二、实验步骤

1. 相关代码：

2. 实现：



3. 全部代码:

```
1<!doctype html>
2<html lang='en'>
3<head>
4<meta charset='utf-8'>
5<script>
6function alertLoop()
7{
8    const messages = [
9        'Hi there!',
10        'Welcome to my awesome website',
11        'You are trapped here',
12        'Please listen',
13        'I am Qian with number 213180824 from School of Cyber
    Science and Engineering',
14        'Apparently of South-east University',
15        'Well, that is not important...']
16    while(true)
17    {
18        messages.forEach(window.alert)
19    }
20}
21
22function newWin()
23{
24    var winArr = []
25    const win = window.open('', '', 'width=100,height=100')
26    let i=0
27    setInterval(() =>{
28        win.moveTo(i,i)
29        win.resizeTo(100,100)
30        i = (i+5) % 200
31    },100)
32    winArr.push(win)
33}
34
35function focusWin()
36{
37    var winArr = []
38    const win = window.open('', '', 'width=100,height=100')
39    setInterval(() => {
40        win.focus()
41    },200)
42    winArr.push(win)
43}
44</script>
45</head>
46<body>
47<h3> UI Denial-of-Service Attacks </h3>
48<input type="button" value="Infinite Alert Loop"
    onclick="alertLoop()" />
49
50<input type="button" value="New Window" onclick="newWin()" />
51
52<input type="button" value="Focus Window" onclick="focusWin()" />
53</body>
54</html>
```