XSS-Game lab

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Table of contents

- XSS-Game lab
 - Table of contents
 - Introduction
 - Level 1.
 - o Level 2.
 - o Level 3
 - o Level 4
 - Level 5
 - Level 6
 - Game completed

Introduction

This document contains my solutions to the levels of the XSS game https://xss-game.appspot.com

Level 1.

The field was vulnerable to script tag:

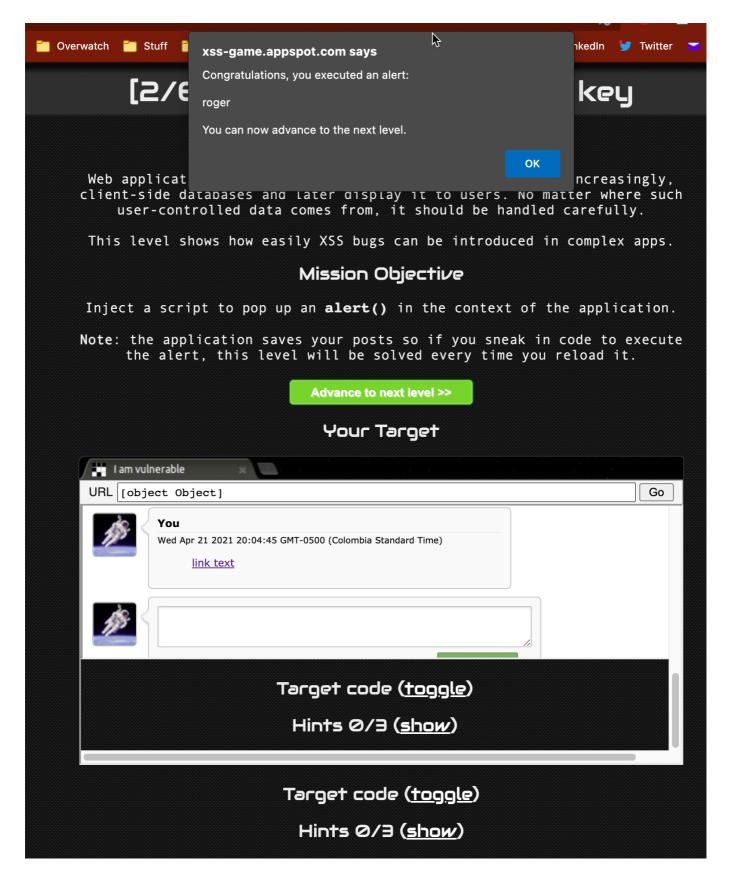
<script>alert("roger")</script>



Level 2.

Script tag can't be used anymore reason why I created a comment with a link, injecting the alert in the onclick event:

link text



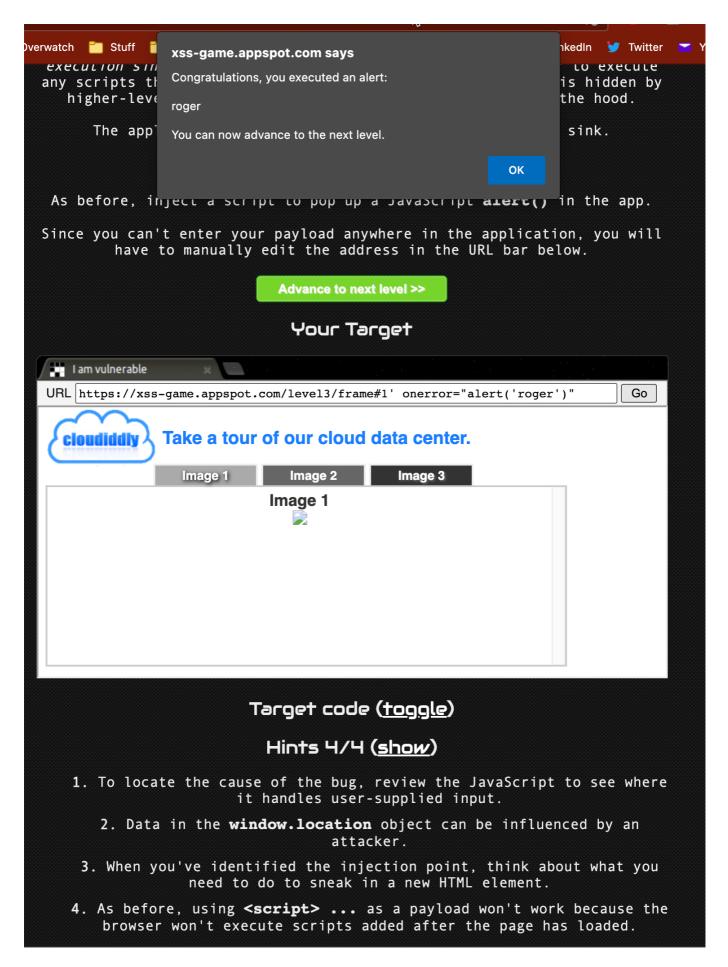
Level 3

Every time I clicked in a tab the following error appeared:

```
Uncaught TypeError: urlbar is null
updateURLBar https://xss-game.appspot.com/static/game.js:45
<anonymous> https://xss-game.appspot.com/static/game.js:40
```

The game's hint suggested the usage of window.location reason why I injected the alert into the onerror event:

https://xss-game.appspot.com/level3/frame#3' onerror="alert('roger')"

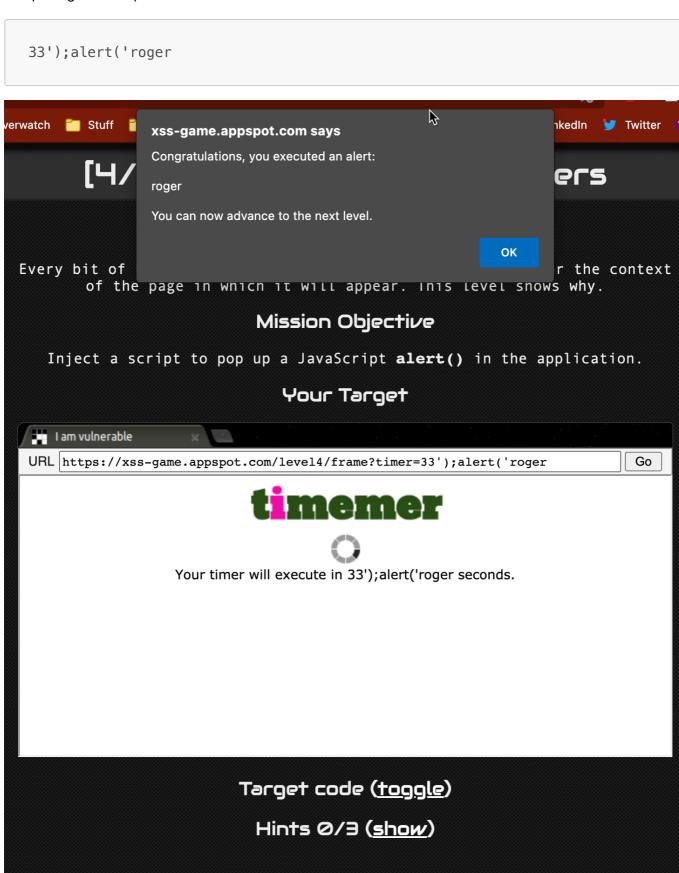


Level 4

This was really tricky, the timer is being injected in the line 21 of the file timer.html:

```
<img src="/static/loading.gif" onload="startTimer('{{ timer }}');" />
```

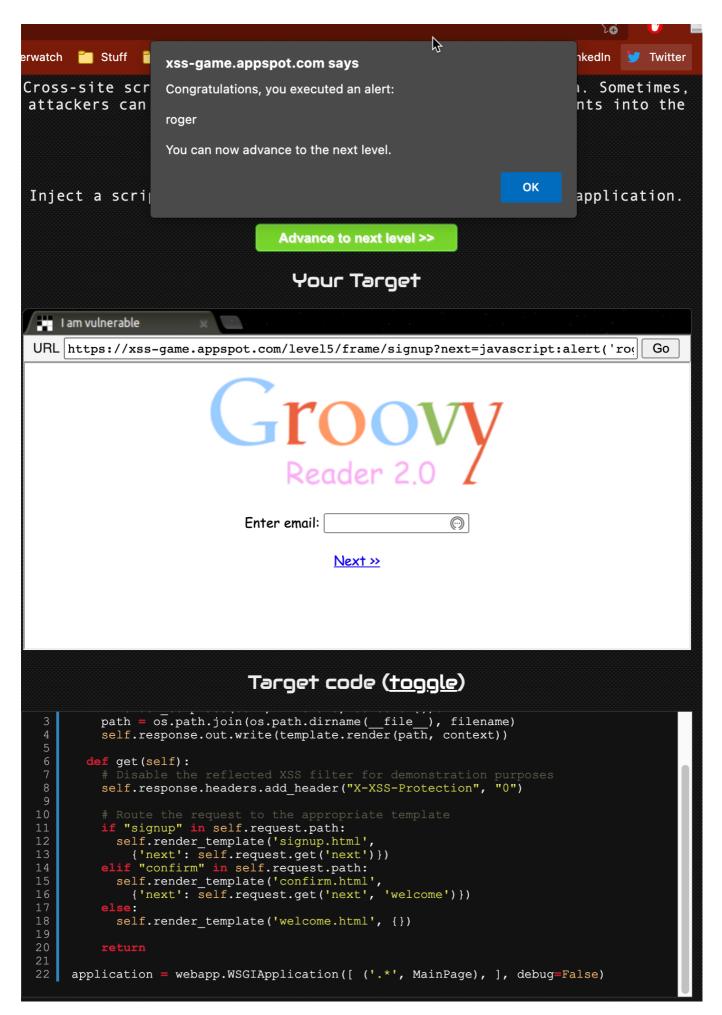
Then what I did is to inject two lines of code, first line injecting the number 33 and then; with the alert completing the next part of the second line as follows:



Level 5

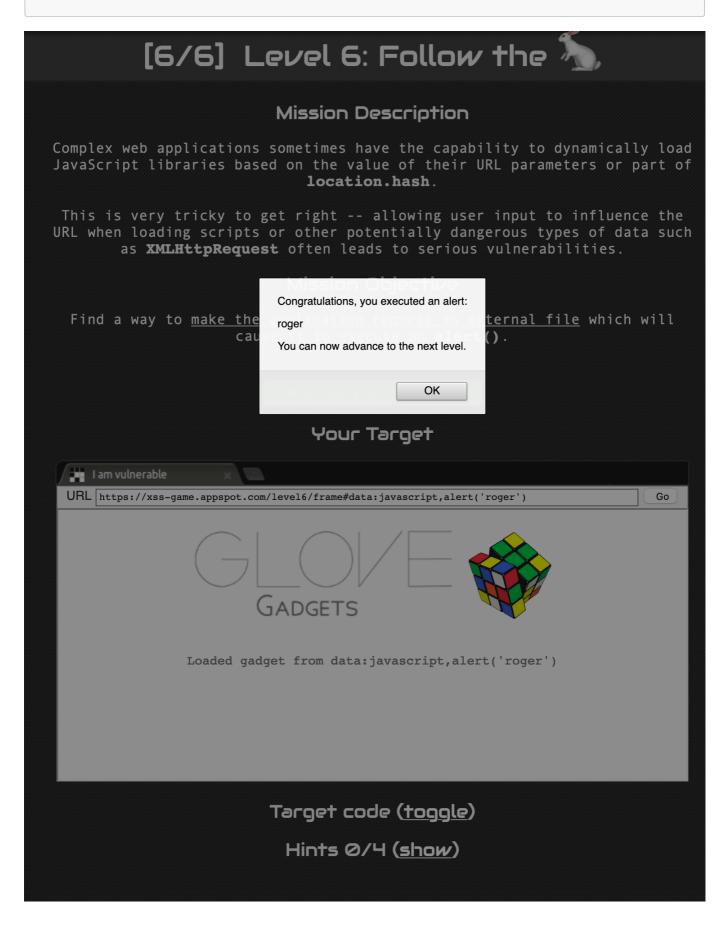
The only way to solve this is to manage to pass javascript to the next parameter. Since I didn't know how to do that thanks to this Reference I could send the value javascript:alert("roger") I sent the value encoded but probably was not needed:

https://xss-game.appspot.com/level5/frame/signup? next=javascript%3Aalert%28%27roger%27%29



Thanks to the URI data scheme I could send the javascript alert by using the data scheme data: javascript, alert('roger'), as follows:

https://xss-game.appspot.com/level6/frame#data:javascript,alert('roger')



Game completed

