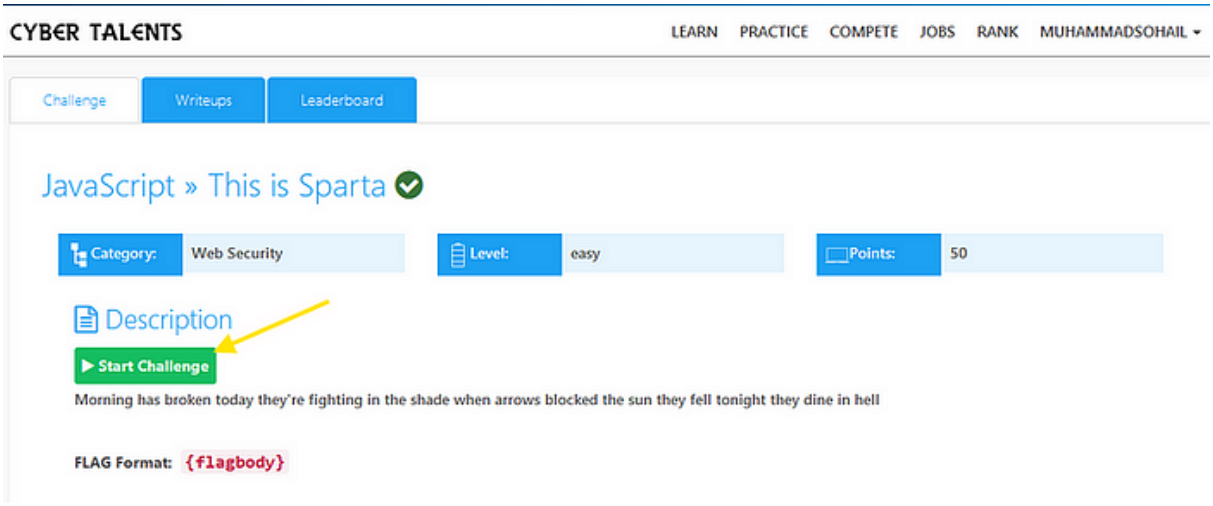
CyberTalents — “This is Sparta” - Writeup

Challenge Overview



Upon clicking the “Start Challenge” button(Green) you will be given a link. Click the given link and you will be redirected to a login interface. You will get the flag if you enter the correct username and password. The challenge is to figure out a way to get the username and password.

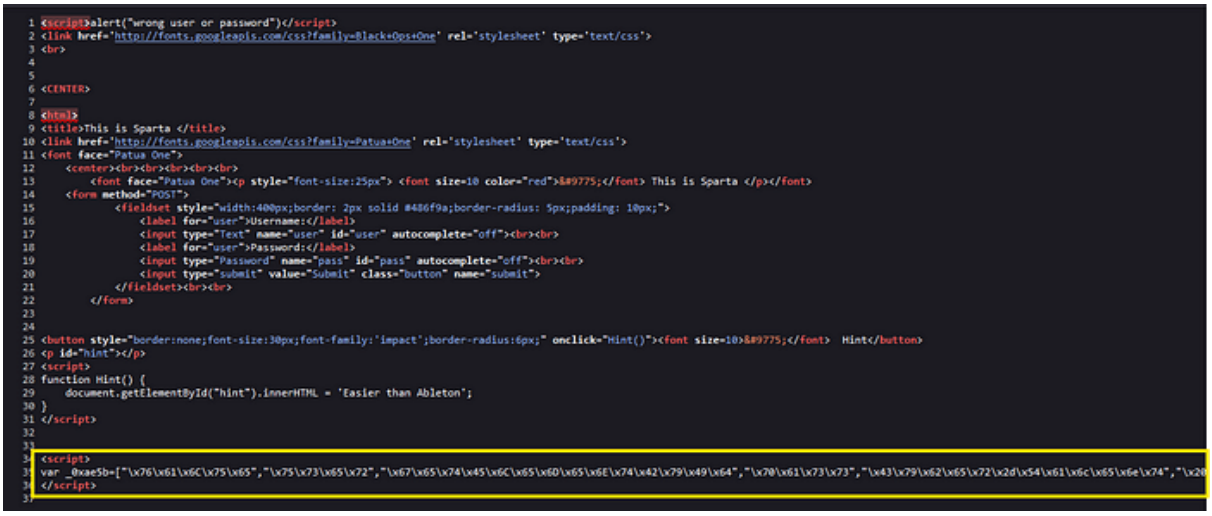
This 👇 is all you have to get the username and password.

Solving The CTFs:

Let’s get to solving the CTF. I will show you step by step how you can get the username and password.

Step 01 — Inspecting The Page:

To find the hidden credentials, you need to inspect the HTML and JavaScript of this given login page. You can do this easily by right-clicking anywhere on the page and selecting ***“Inspect”*** or using the keyboard shortcut ***CTRL + U*** to view the page’s source code.



You will get a page like this 👆. If you scroll through the source code, you will see JavaScript code that is nearly impossible to understand, it's because this JavaScript code is obfuscated.

Step 02 — De-obfuscating The Code:

Now that you have found an obfuscated section of JavaScript code, you will need to de-obfuscate this code to make it readable. Use any online de-obfuscating tool to turn your decoded JavaScript code into a human readable format.

Recommended De-obfuscating Tool 👉 Obfuscator.io

Paste your obfucated code into this 👆 website and it should give you an output like this 👇.

```
var _0xae5b = ["value", "user", "getElementById", "pass",
"Cyber-Talent", "                    Congratz \n\n", "wro
ng Password"];
function check() {
  var _0xeb80x2 = document[_0xae5b[2]](_0xae5b[1])[_0xae5b
[0]];
  var _0xeb80x3 = document[_0xae5b[2]](_0xae5b[3])[_0xae5b
[0]];
  if (_0xeb80x2 == _0xae5b[4] && _0xeb80x3 == _0xae5b[4]) {
    alert(_0xae5b[5]);
  } else {
    alert(_0xae5b[6]);
```

```
    }
}
```

Step 03— Get The Flag:

Now that you have converted your JavaScript code into a human readable code. It should be easier for you to spot the username and password.

Username → *Cyber-Talent*

Password → *Cyber-Talent*