

Help Bears!



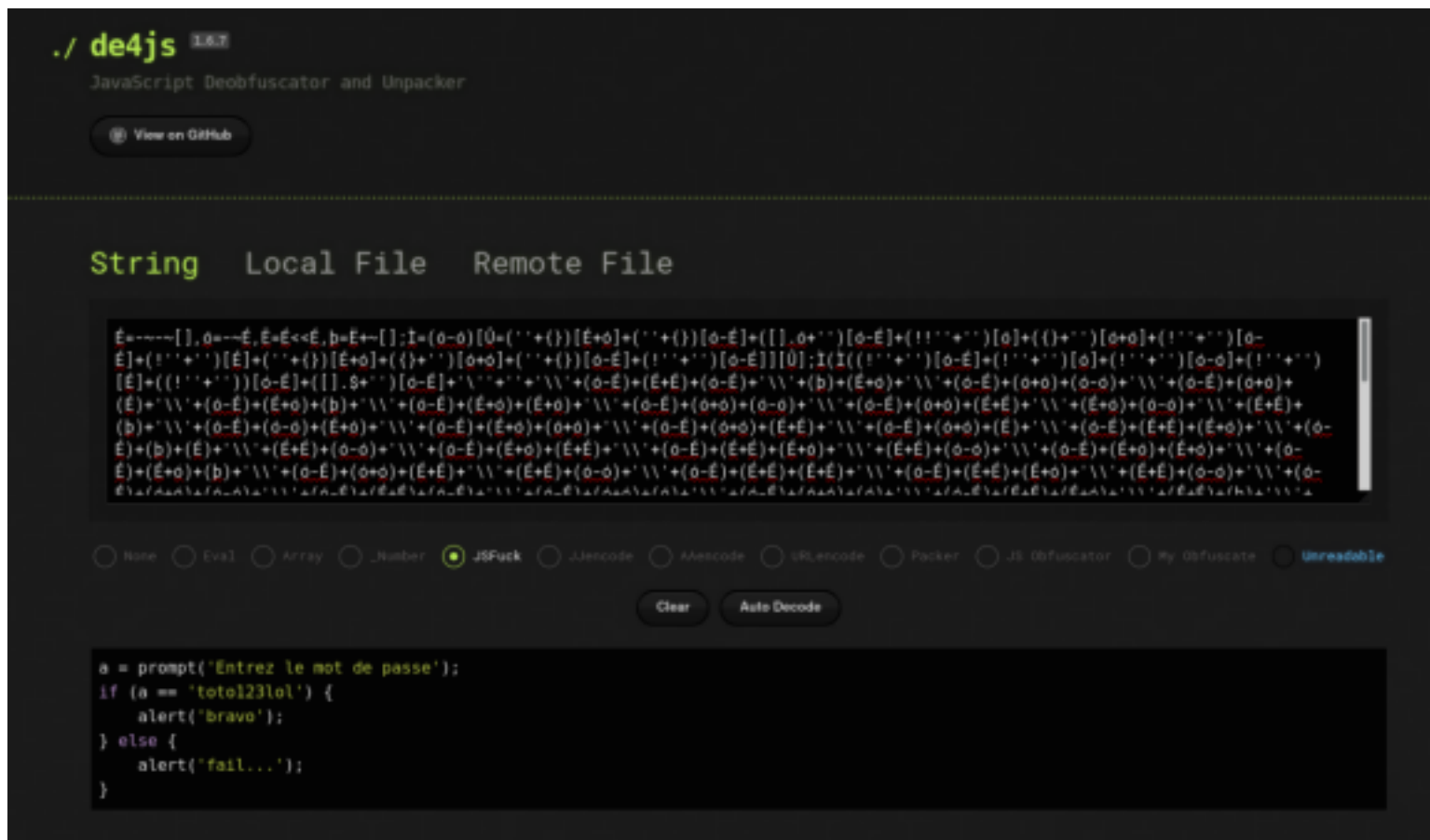
Help Bears!

Help Bears in their Cyber-Sec Course.

writeup

-----Find #1-----

--downloaded file called **First.txt** that appears to be **obfuscated JavaScript**, so I went to my favorite JS Deobfuscator at <https://lelinhtinh.github.io/de4js/>



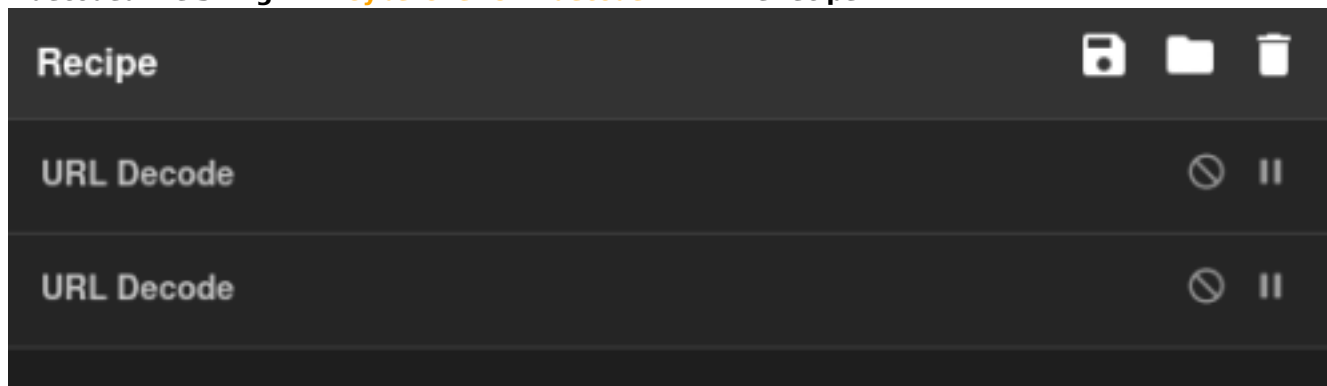
toto123lol

-----Find #2-----

--downloaded file called **Second.txt** that appears to JavaScript with a **URL encoded** string

```
var pass =  
unescape("unescape%28%22String.fromCharCode%2528104%252C68%252C117%252C102%252C106%252C100%252C107%252C105%252C49%-  
252C53%252C54%2529%22%29");
```

--decoded the string with **CyberChef URL decoder** with the recipe:



--decodes to:

```
var pass = unescape("unescape(String.fromCharCode(104,68,117,102,106,100,107,105,49,53,54)");
```

--decoded decimal string '104 68 117 102 106 100 107 105 49 53 54' and got the password:

hDufjki156

-----Capture The Flag-----

--I remembered seeing 'steg' in the room description, so I figured I needed to go in that direction, and I remembered seeing an image in the [Task 1] Introduction section

--I downloaded the image and I started checking it with stego tools like stegsolve, strings, exiftool, and steghide

--ultimately I ran **stegcracker bear.jpg '/home/taj702/Desktop/wordlists/rockyou.txt'** and got the password:

pandas

--so I then ran **steghide extract -sf bear.jpg** with password **pandas** and got:

Grizzly!

--using **GVim** I found **Unicode** characters in **challenge.txt** file and saved to file

--file contains:

```
^@F^@!^@a^@g^@:~^@ ^@*^@;^@}^@9^@4^@?^@}-  
^@7^@+^@K^@p^@H^@3^@>^@u^@7^@4^@v^@t^@<^@y^@u^@h^@_~^@}^@v^@'~^@7^@|~^@u^@}-  
^@s^@&^@p^@l^@l
```

--removed all '^@' strings and it gave me:

Flag: *; }94? }7+KpH3>u74vt<yuh_ }v'7|u}s&pll

--opened **CyberChef** and decoded the string with **ROT47** and got:

u=28i YjNhcnNfZzAwbmFfcGEkJF90NGVfMFNDUA==

--decoded that string with **base64** and finally got the flag:

b3ars_g00na_pa\$\$_t4e_0SCP

[Task 1] Introduction



Bears have enrolled in the Cyber Security Course. Yes, **BEARS!** They solved a couple of challenges already, but they are stuck at some of the last tasks. Can you help them?

#1

Read the above.

No answer needed

[Task 2] Find #1

Download the file & get going...

Download



#1

What is the password?

toto123lol

[Task 3] Find #2

Download the file & find the password.

Download



#1

What is the password?

hDufjdk156

[Task 4] Capture The Flag

There's a flag hidden somewhere. Can you find it?

#1

What's the Flag?

b3ars_g00na_pa\$\$_t4e_0SCP