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Cheat Sheet

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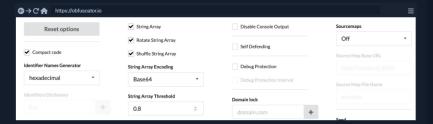
## **Advanced Obfuscation**

So far, we have been able to make our code obfuscated and more difficult to read. However, the code still contains strings in cleartext, which may reveal its original functionality. In this section, we will try a couple of tools that should completely obfuscate the code and hide any remnants of its original functionality.

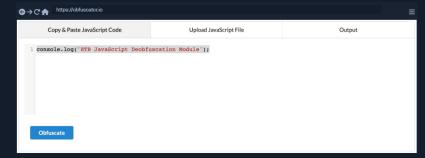
## **Obfuscator**

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Let's visit https://obfuscator.io. Before we click obfuscate, we will change String Array Encoding to Base64, as seen below:



Now, we can paste our code and click obfuscate:



We get the following code:

Code:javascript

var \_0x1eco=['Bg9N','sfrciePHDMfty3jPChqGrgvVyMz1C2nHDgLVBIbnB2r1Bgu='];(function(\_0x13249d,\_0x1ecoe5){var \_0x14f83b=f

This code is obviously more obfuscated, and we can't see any remnants of our original code. We can now try running it in https://jsconsole.com to verify that it still performs its original function. Try playing with the obfuscation settings in https://jsconsole.com to verify its till performs its original function.

## **More Obfuscation**

Now we should have a clear idea of how code obfuscation works. There are still many variations of code obfuscation tools, each of which obfuscates the code differently. Take the following JavaScript code, for example:

We can still run this code, and it would still perform its original function:

Note: The above code was snipped as the full code is too long, but the full code should successfully run.

