

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:

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://obfuscator.io> to generate even more obfuscated code, and then try rerunning it in <https://jsconsole.com> to verify it still performs its original function.

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.

We can try obfuscating code using the same tool in JSF, and then rerunning it. We will notice that the code may take some time to run, which

shows how code obfuscation could affect the performance, as previously mentioned.

There are many other JavaScript obfuscators, like [JJ Encode](#) or [AA Encode](#). However, such obfuscators usually make code execution/compilation very slow, so it is not recommended to be used unless for an obvious reason, like bypassing web filters or restrictions.

← Previous

Next →

✔ Mark Complete & Next

