

Forum:[Hack Forums](#)

Thread: [Global variables](#)

Z3R00NDAT - October 14, 2023, 9:48 pm

What are global variables? How are these variables declared?

Edge - October 14, 2023, 9:56 pm

This is explained here: https://www.w3schools.com/js/js_scope.asp

If you learn better by watching videos: <https://www.youtube.com/watch?v=TkFN6e9ZDMw>

Hackers - October 15, 2023, 6:03 am

Here's an example of a global variable

Code `const globalvar = 2;`

```
function foo(){
  let newvar = globalvar + 5;
  // newvar = 7
  console.log(globalvar, ' this is a global ' );
  console.log(newvar, 'this is a local var');
}
```

`console.log(globalvar);` // this returns 2

`console.log(newvar);` // this doesn't work because newvar is not global

A global variable in JS is just a variable that is declared outside of a functional scope, so it's available to everything else inside the same scope. My foo function is inside the same scope that globalvar is defined in, so we can access it, but newvar is defined inside the function so it can't be accessed outside of the function.

Disease - October 16, 2023, 1:24 pm

As a general practice you want to avoid global variables. Having variables that are globally accessible and mutable can open the door to unintended side effects. The example in the OP here is a constant, at least, which isn't the worse thing in the world. But even then, best to only define global constants when you find yourself with no other alternative.