

Basic JavaScript Exercises

Values and Variables: Understanding `let`, `const`, and `var`

In the following exercises declare all your variables with `const` unless you are told otherwise

1. **Declare with `var`** Declare a variable using `var` and assign a number to it.
2. **Declare with `let`** Declare a variable with `let` and assign a string to it.
3. **Declare with `const`** Declare a constant using `const` and assign a boolean value to it.
4. **Reassigning `var`** Declare a variable with `var`, assign a value, and then reassign it to a different value. Print the value of the variable assigned before and after the new assignment.
5. **Reassigning `let`** Declare a variable with `let`, assign a value, and then reassign it to a different value. Print the value of the variable assigned before and after the new assignment.
6. **Reassigning with `const`** Declare a constant with `const`, assign a value, and try to reassign it. Print the variable after the new assignment, what did you get in the console? why? Why is it recommended to always declare variables with `const` ?