

Trainer guide
Examples and exercises
JS-1 – Let vs const

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This exercise gives learners practice on determining whether to use `let` or `const` when declaring variables in JavaScript.

index.js

- In this file, the keyword `var` is used three times to declare variables.
- In modern JavaScript, it's recommended to avoid the `var` keyword because it can cause unexpected behaviour. Instead, we should use either `let` or `const` to declare variables.
- The rule of thumb is to **use `const` by default, and only use `let` if you will need to reassign the variable at some point** (reassigning means using the equals sign to change the value of a variable).

Demo

- The first instance of `var` is found in the `addTwoNumbers()` function.
- We declare a variable `sum` to store the sum of the two numbers that are passed into the function.
- Do we need to reassign this variable at any point?
 - No. The value of the variable never needs to change after the variable has been defined.
- Therefore, we should use `const` to declare this variable.

Exercise

- Your task is to use your best judgement to replace the other instances of `var` with either `let` or `const`.

Solve the exercise live before moving on.

[Solution reference](#)