

var vs let vs const

1. var:

Scope:

- The scope is global when a var variable is declared outside a function. This means that any variable that is declared with var outside a function block is available for use in the whole window.
- var is function scoped when it is declared within a function. This means that it is available and can be accessed only within that function.

var variables can be re-declared and updated.

2. let:

Scope:

- let is block scoped (A block is a chunk of code bounded by {}). A block lives in curly braces. Anything within curly braces is a block. So a variable declared in a block with let is only available for use within that block.

let can be updated but not re-declared:

- Just like var, a variable declared with let can be updated within its scope.
- Unlike var, a let variable cannot be re-declared within its scope.

3. const:

Scope:

- const declarations are block scoped. means declarations can only be accessed within the block they were declared.

const cannot be updated or re-declared:

- This means that the value of a variable declared with const remains the same within its scope. It cannot be updated or re-declared.

