var vs let vs const

var

Scope: Function scope or global scope.

Hoisting: Can be used before its declaration (but will be `undefined`).

Re-declaration: Can be re-declared in the same scope.

var x = 10;

let:

Scope: Block scope (inside `{}`).

Hoisting: Cannot be used before its declaration.

Re-declaration: Cannot be re-declared in the same scope.

let y = 20;

const:

Scope: Block scope.

Lifting: Cannot be used before its declaration.

Redeclaration: Cannot be redeclared or reset.

const z = 30;

alert vs prompt vs confirm.

alert:

Displays a message.

Contains only an "OK" button.

Returns a value of `undefined`.

alert("Hello!");

prompt:

Prompts for user input.

Contains a textbox and "OK" and "Cancel" buttons.

Returns input or a value of `null` if canceled.

let name = prompt("Enter your name:");

confirm:

Prompts for confirmation.

Contains "OK" and "Cancel" buttons.

Returns `true` (OK) or `false` (Cancel).

let isSure = confirm("Are you sure?");