| **var** | **let** | **const** |
| --- | --- | --- |
| The scope of a *[var](https://www.geeksforgeeks.org/javascript-var/" \t "_blank)*variable is functional or global scope. | The scope of a[*let*](https://www.geeksforgeeks.org/javascript-let/) variable is block scope. | The scope of a *[const](https://www.geeksforgeeks.org/javascript-const/" \t "_blank)* variable is block scope. |
| It can be updated and re-declared in the same scope. | It can be updated but cannot be re-declared in the same scope. | It can neither be updated or re-declared in any scope. |
| It can be declared without initialization. | It can be declared without initialization. | It cannot be declared without initialization. |
| It can be accessed without initialization as its default value is “undefined”. | It cannot be accessed without initialization otherwise it will give ‘referenceError’. | It cannot be accessed without initialization, as it cannot be declared without initialization. |
| These variables are hoisted. | These variables are hoisted but stay in the temporal dead zone untill the initialization. | These variables are hoisted but stays in the temporal dead zone until the initialization. |

## Alert Box vs Confirm Box vs Prompt Box

Alert Box

An alert box is often used if you want to make sure information comes through to the user.

When an alert box pops up, the user will have to click "OK" to proceed.

Confirm Box

A confirm box is often used if you want the user to verify or accept something.

When a confirm box pops up, the user will have to click either "OK" or "Cancel" to proceed.

If the user clicks "OK", the box returns **true**. If the user clicks "Cancel", the box returns **false**.

Prompt Box

A prompt box is often used if you want the user to input a value before entering a page.

When a prompt box pops up, the user will have to click either "OK" or "Cancel" to proceed after entering an input value.

If the user clicks "OK" the box returns the input value. If the user clicks "Cancel" the box returns null.