var / let / const

Var:

1. Var is the most primitive keyword used for declaring variables.
2. Any variable declared using a var keyword outside a function is globally available.
3. Any variable declared using a var keyword outside a function is locally available.
4. Var variables can be redeclared and updated

Eg: var fruit = “apple”;

var fruit = “mango”;

This won’t give an error.

1. However, this might be a problem if you unknowingly again use a variable that’s defined previously in your code. You might end up redefining it’s value.
2. This drawback of var keyword led to the development of other two keywords Let and Const.

Let:

1. Let is blocked scoped i.e a variable declared within a block using let keyword will only be available in that specific block.
2. Eg: if (times > 3)

{

let hello = "say Hello instead"

}

Here, hello variable cannot be accessed outside of the if block.

1. Let can be updated but not redeclared.

Const:

1. Variables declared with the const maintain constant values.
2. As the name suggests its value cannot be updated or redeclared.
3. They are global scope variables.