



@CODE.CLASH

JAVASCRIPT SCOPE

NEXT →



Hey Everyones 🖐️

In this Post, you will learn about variable scope in JavaScript.

Scope refers to the availability of variables and functions in certain parts of the code.

Do Like, save and Share This Post If You Found This Helpful.

JavaScript Scope

- Scope determines the accessibility (visibility) of variables, objects and functions.
- In JavaScript, a variable has 3 types of scope:
 - a. Block scope
 - b. Function scope
 - c. Global scope

Block Scope

- Block Scoping means declaring a variable inside the block or curly brackets {} can not be accessed from outside the block.

NOTE : Variables declared with the **var** keyword can NOT have block scope.

```
{  
  let x = 2;  
}  
// x can NOT be used here
```

```
{  
  var x = 2;  
}  
// x CAN be used here
```

Function Scope

- Function Scoping means Variables defined inside a function are not accessible from outside the function.
- function scope is also known as local scope

NOTE : Variables declared with `var`, `let` and `const` are quite similar when declared inside a function.

```
function myFunction() {  
  var carName = "Tesla";    // Function Scope  
  let myName = "Imtiyaz";   // Function Scope  
  const laptop = "acer";    // Function Scope  
}
```

Global Scope

- A variable declared at the top of a program or outside of a function is considered a global scope variable.

NOTE : Variables declared with `var`, `let` and `const` are quite similar when declared inside a function.

```
// program to print a text
let a = "hello";

function greet () {
  console.log(a);
}
```

Global Scope

- In the program, variable `a` is a global variable.
- If you assign a value to a variable that has not been declared, it will automatically become a GLOBAL variable.
- This code example will declare a global variable `carName`, even if the value is assigned inside a function

```
myFunction();  
  
// code here can use carName  
  
function myFunction() {  
  carName = "Volvo";  
}
```


Check Prev. JS Post



NEXT →

Best Of Luck :)

NEXT →

@CODE.CLASH

THANKS FOR YOUR ATTENTION



CODE.CLASH



IMTIYAZ NANDASANIYA

**LIKE AND SAVE IT
FOR LATER**