

Hoisting :

tells how an element is stored inside the global memory
Context

Function Keyword → stored inside the memory
function expression → stored in the variables & in memory
arrow function → termed as Undefined & when the code executes its value gets updated accordingly

There is always a hoisting for let and const

Closures :

it occurs when a function is returning a function, when assigned to a variable it will assign itself completely along with the variables it contains within itself

```
const fun_closure = function () {
  count = 0
  return function () {
    if (count < 1) {
      console.log('Report first time')
    } else {
      console.log('already called')
    }
  }
}
```

const funCalling = fun_closure()

funCalling() → Output (count = 0)

funCalling() → Output (count = 1)

How java Script Execute

java Script first compile the code & so if there are any errors present it will not global & local scopes of the program.

java script first ...
java script then set global & local scope of the program.

Execution Context of java script

global execution context

