

Javascript Execution context

{ }

→ Global Execution context (EC)

↳ Global Execution context

↳ Function Execution context

↳ Eval Execution context → Not need to know

{ }

→ Memory Creation phase

→ Execution phase

```
1 let val1 = 10
2 let val2 = 5
3 function addNum(num1, num2){
4   let total = num1 + num2
5   return total
6 }
7 let result1 = addNum(val1, val2)
8 let result2 = addNum(10, 2)
```

Step 1:- Global Execution

this

Step 2:- Memory phase

val1 → undefined

val2 → undefined

addNum → definition

result1 → undefined

result2 → undefined

Step 3:- Execution phase

val1 ← 10

val2 ← 5

addNum →

result1 = 15

result2 = 15

New variable
environment
+
Execution
thread

Memory phase

val1 → undefined

val2 → undefined

Execution context

num1 → 10

num2 → 5

Delete

~~total~~ → undefined

~~total~~ → num1 + num2

» → 10 + 5

» → 15