

Javascript Execution Context

$\boxed{\{ \}$ \rightarrow Global EC
 \swarrow this

\hookrightarrow Global Execution Context

\hookrightarrow Function Execution Context

\hookrightarrow Eval Execution Context

{ }

→ 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)
```

① → Global Execution
↓
this

② Memory Phase

val1 → undefined
val2 → undefined
addNum → definition
result1 → undefined
result2 → undefined

Memory Phase

val1 → undefined
val2 → undefined
total → undefined

```
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)
```

③ Execution Phase

val1 ← 10
val2 ← 5
addNum →
result1 = 15

new variable
environment
+
Execution
thread

Delete

Execution Context

num1 → 10
num2 → 5
total → 15

Memory
Phase

Execution Phase

NVE
+
Thread

