

# JAVASCRIPT EXECUTION CONTEXT

`{ }` → Global Execution Context.  
↑  
this

- ↳ Global Execution Context
- ↳ Function Execution Context
- ↳ Eval Execution Context. (property of Global Object)

## How JAVASCRIPT CODE EXECUTE.

`{ }` → Memory Creation Phase  
→ Execution Phase

Phase ① Global Execution

↓  
`this`

```
let val1 = 10  
let val2 = 5
```

```
function addNum(num1, num2){  
  let total = num1 + num2  
  return total  
}
```

```
let result1 = addNum(val1, val2)  
let result2 = addNum(10, 2)
```

Phase ② Memory Phase  
val1 → undefined  
val2 → undefined

addNum → definition  
result1 → undefined  
result2 → undefined

Phase ③ Execution Phase

val1 → 10  
val2 → 5

addNum →

Here, It is a function so, for that a new box created and NVE and ET created. so, new box created for that phase ② and phase ③ have to run one more time.

new variable Environment  
+  
Execution Thread.

कार्य होने के बाद DELETE..

Memory Phase  
val1 → undefined  
val2 → undefined  
total → undefined

Execution Phase  
num1 → 10  
num2 → 5  
total → 15

# CALL STACK

one()  
two()      three()

Here, if we want to  
execute one(), then it  
will come inside and execute  
after that, go outside.  
And vice versa...

Global Execution