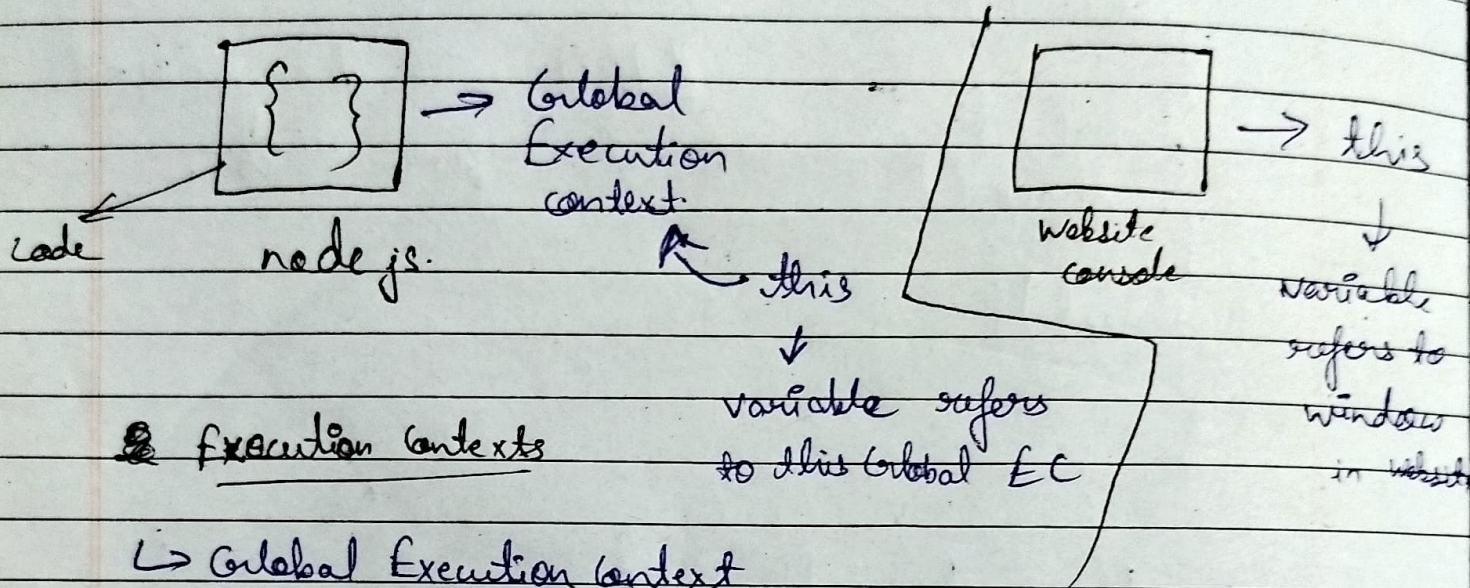


Javascript Execution Context

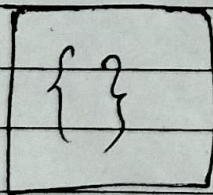


Execution contexts

↳ Global Execution context

↳ Function Execution context

↳ Eval Execution context.



Code 2 phases me runi hota hai
→ Memory Creation Phase → Jagah allocate hoti hai
→ Execution Phase

eg 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)

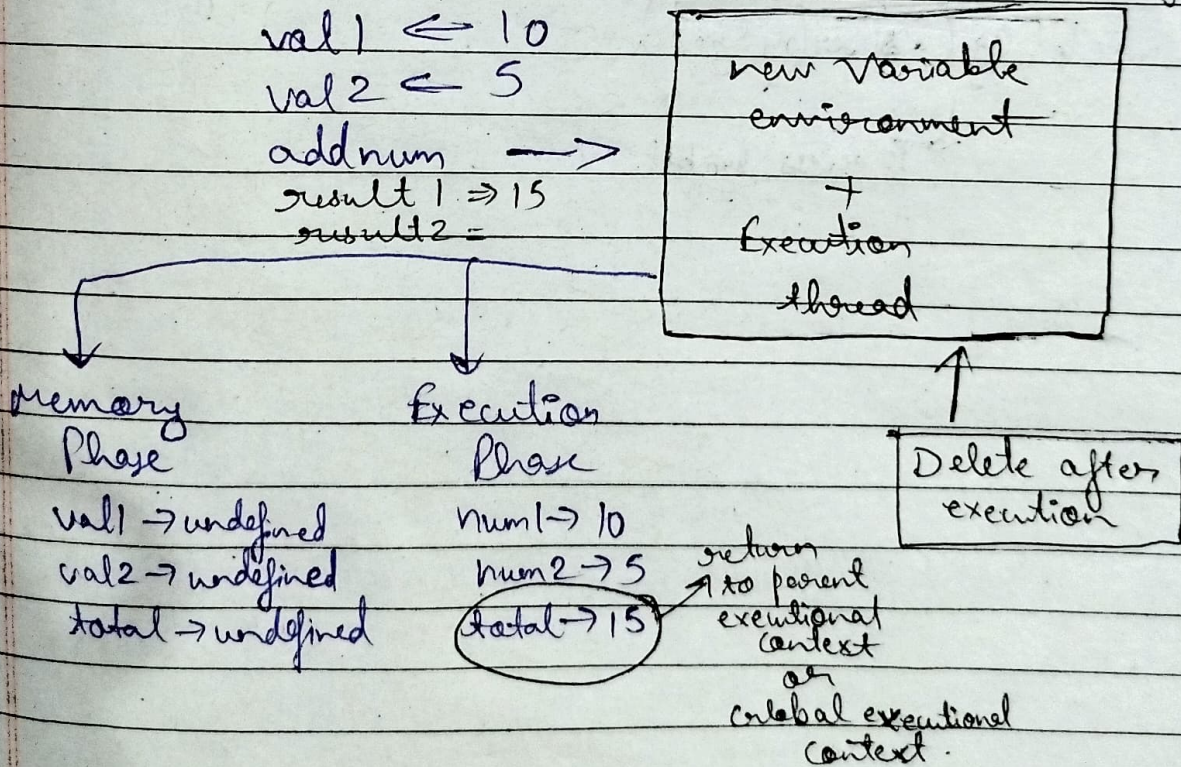
Process Phases of Execution

① Global Execution → this

② Memory Phase →
 val1 → undefined
 val2 → undefined
 addnum → definition
 result1 → undefined
 result2 → undefined

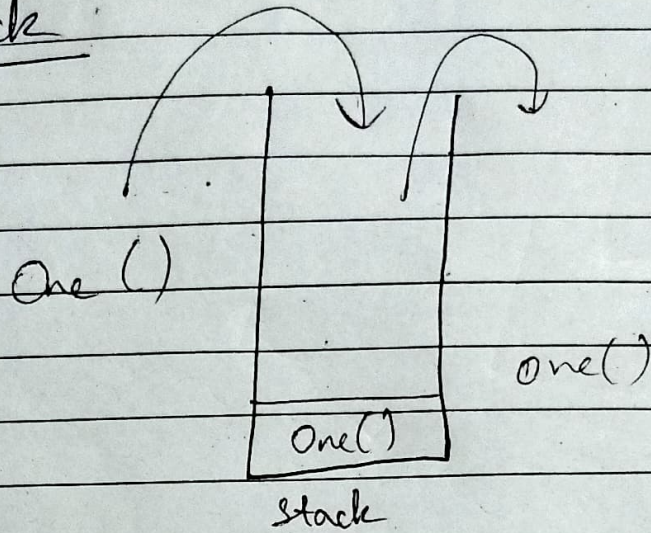
③ Execution Phase

new environment is created for executing the funcⁿ.



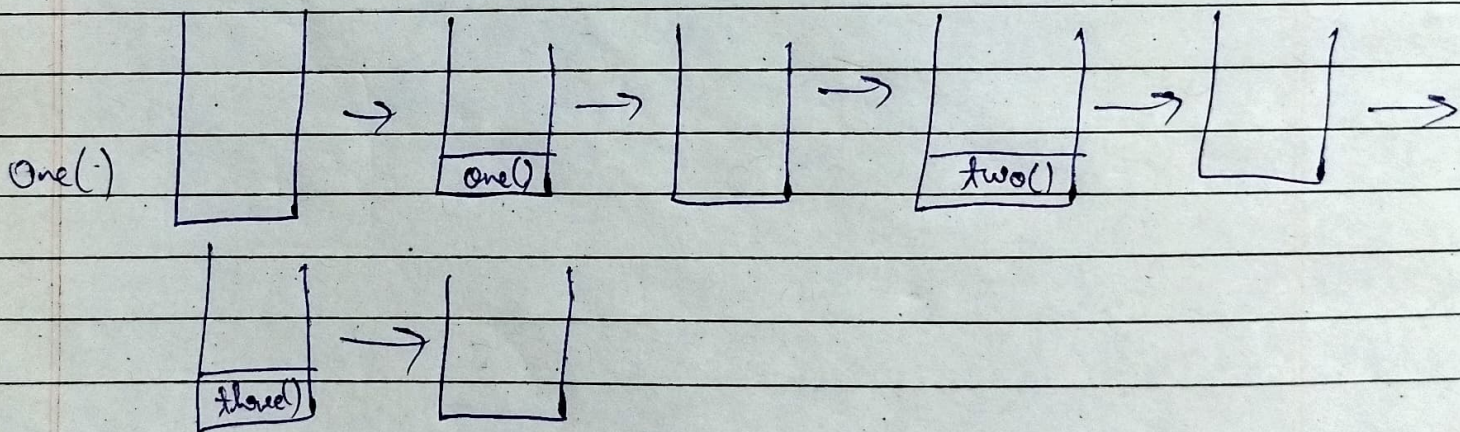
Now for result2 a new variable environment + execution thread will be created and its value will be returned to Global Executional Context.

Call Stack



for multiple funcⁿ calls

one()
two()
three()



for function inside function

```
one() {  
  two()  
}  
two() {  
  three()  
}  
three() {  
  
}
```

LIFO will be followed
for this.

