

/* JavaScript Execution Context(How Code runs in JS) --

In Browser Execution Context is Window Object.
In JS Three Execution context are present--

- 1) Global Execution Context
- 2) Function Execution Context
- 3) Eval Execution Context

Every JavaScript code runs in two phases

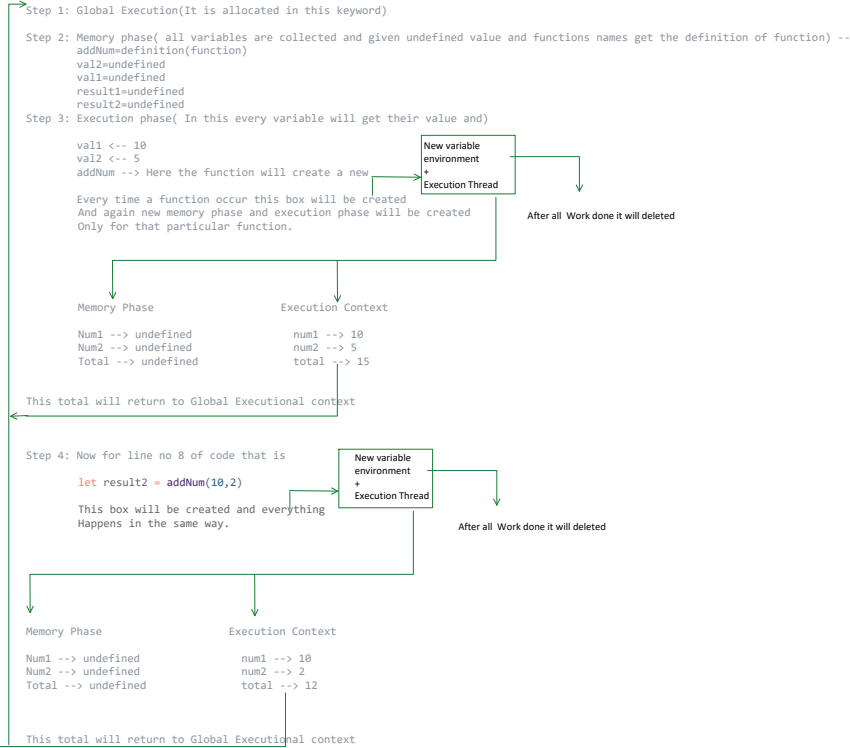
- 1) Memory Creation Phase or Creation Phase --
Here memory is allocated
- 2) Execution Phase

Let's Decode how this code will work --

Sample Code --

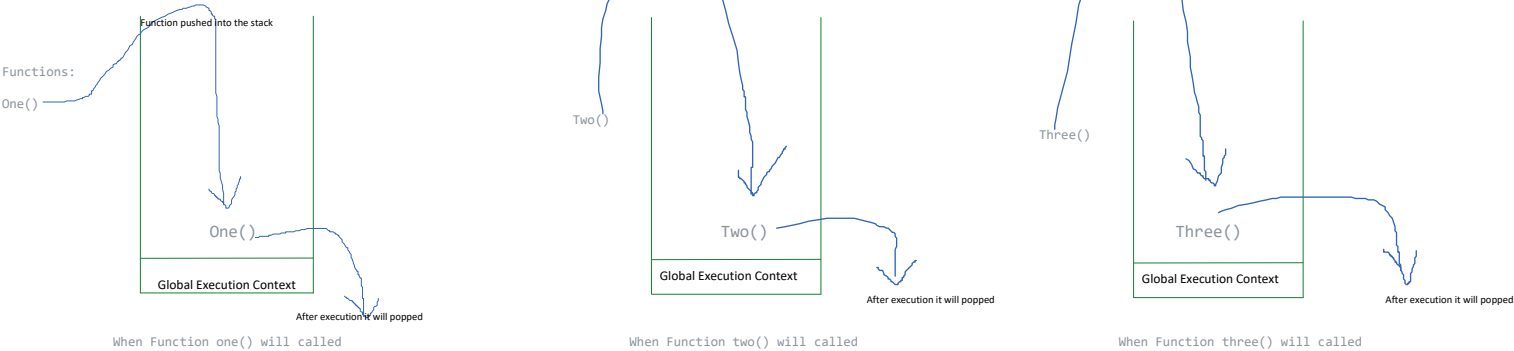
```
let val1 =10
let val2 =2
function addNum(num1,num2){
  let total = num1+num2
  return total
}
let result1 = addNum(val1,val2)
let result2 = addNum(10,2)
```

Decoding --

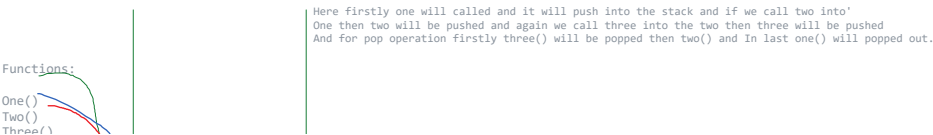


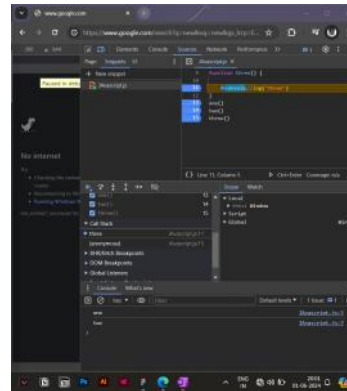
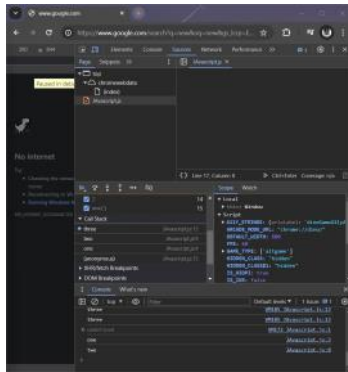
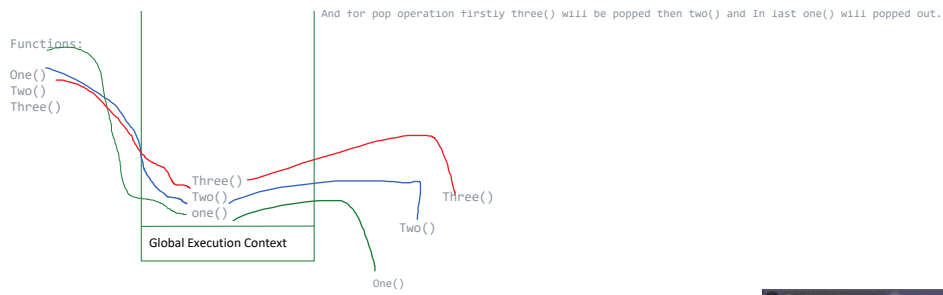
Call Stack -

In Call stack a stack is created having Global Execution Context and all functions resides outside of the stack. If they are called individually then one function will push into the stack and the function will be executed And after execution it will pop out.



If we call a function into an another function then this process will be same and Push operation and pop operation will work according to LIFO principle.





Here are two snippets that shows how Call Stacks works in browser