How does JS execute code ?

=) Explaining with example,

```
let val1= 10
let vail 2= 5
function addTwo (num1, mum2){
    let total = num.1 + num2
     return total
}
let result1= addTwo (val1, val2)
let result2 = addTwo (5, 3)
```

Step 1:- Global execution $\xrightarrow{\text{assigns}}$ this

Step2 :- Memory creation phase where,
val1 = undefined
val 2 = undefined
addTwo = defination
result 1= undefined
result 2= undefined.

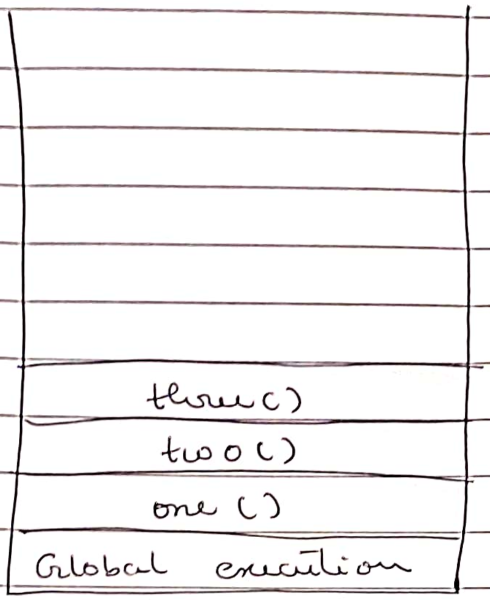
Step 3:- Execution phase,
val1 = 10
val2 = 5
addnum → new variable environmarat + execution thread → It is called as excution sandbox
result1 =15
~~again it~~ addnum → (again it creates the NVE)
result2 = 8

→ def It get's deleted once the function returns

Memory phase
val1 = undefined
val2 = undefined
total = undefined

Execution phase
num1 = 10
num2 = 5
total = 15

Call stack :-



code snippets :-

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

one ()
```