(JS) → single threaded language] ↳ interviews]

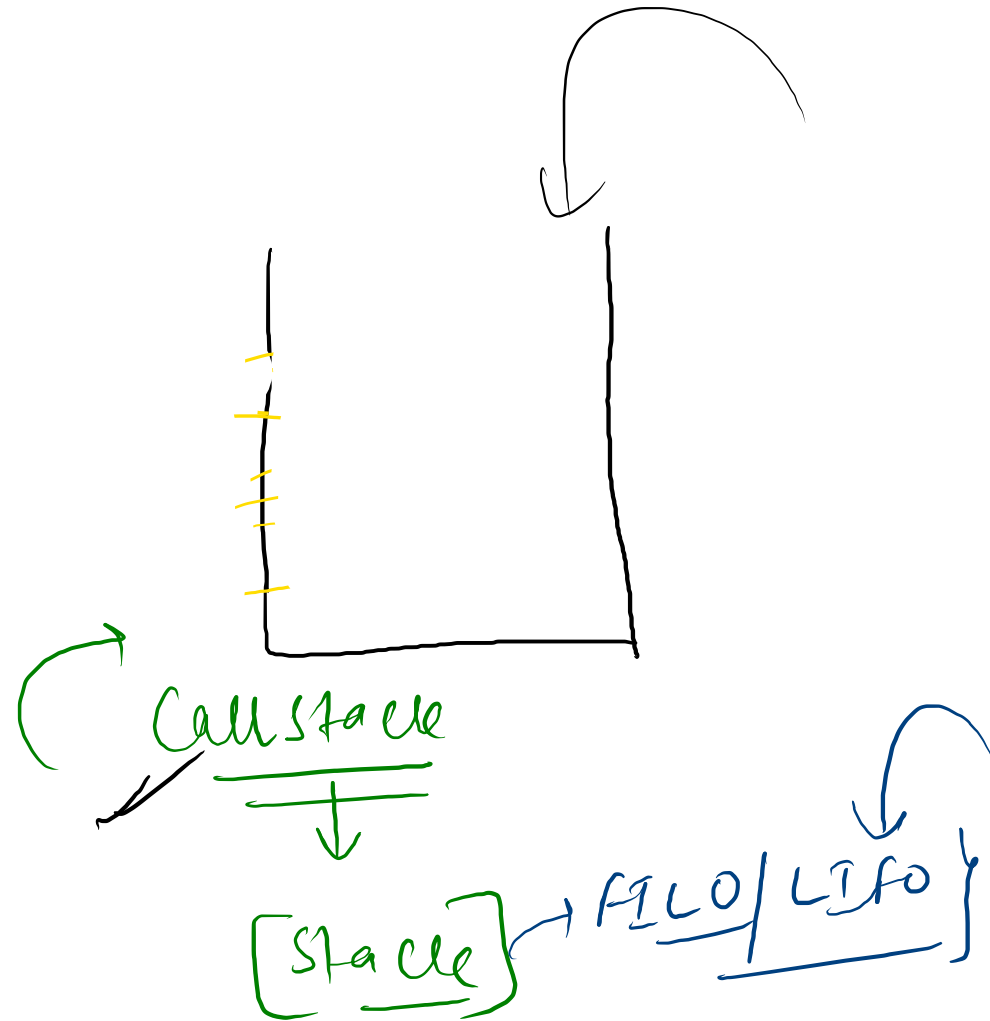→ Async prcessig]

Node.js]

↓
call stack
event loop
callback queue]
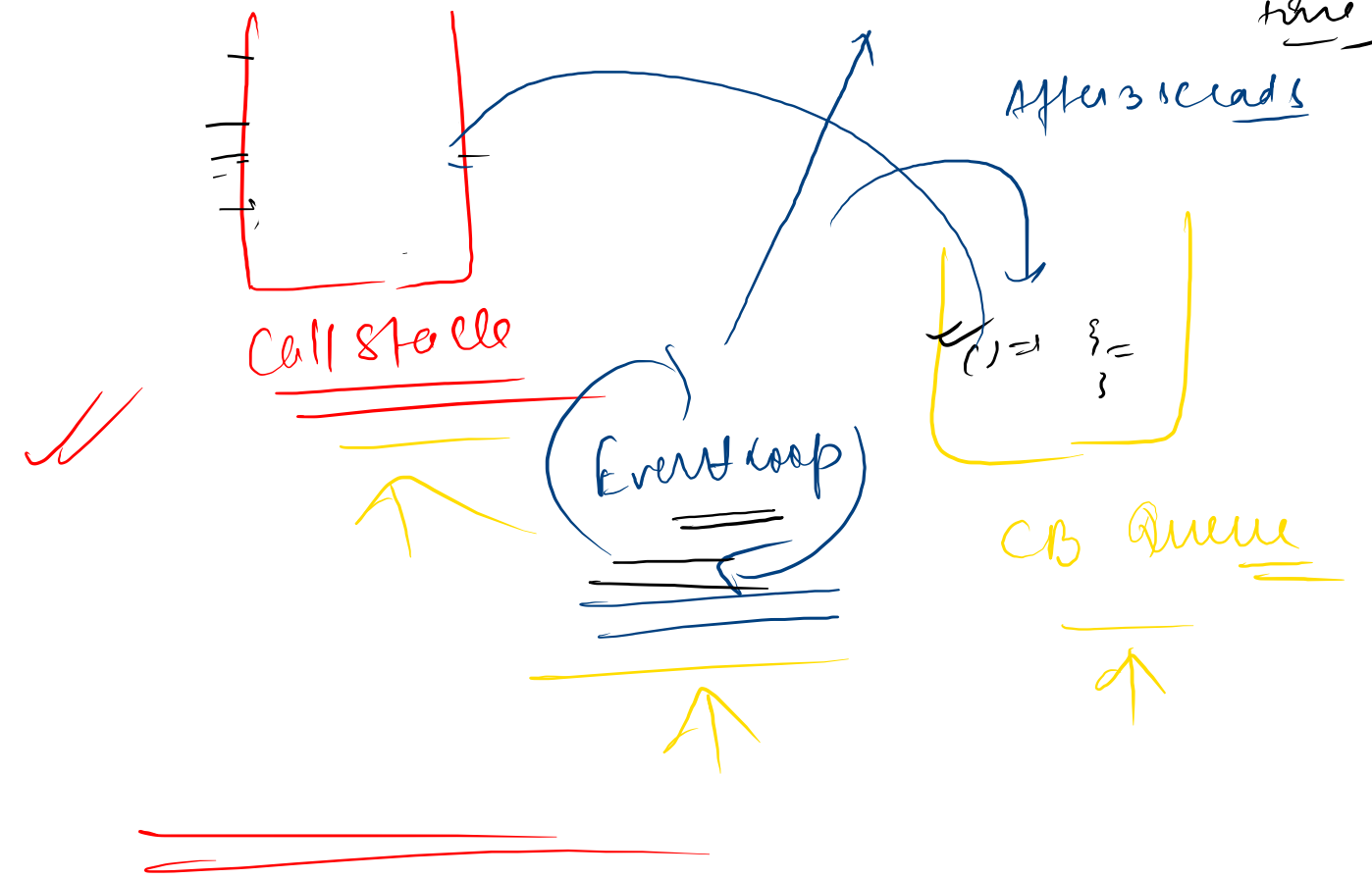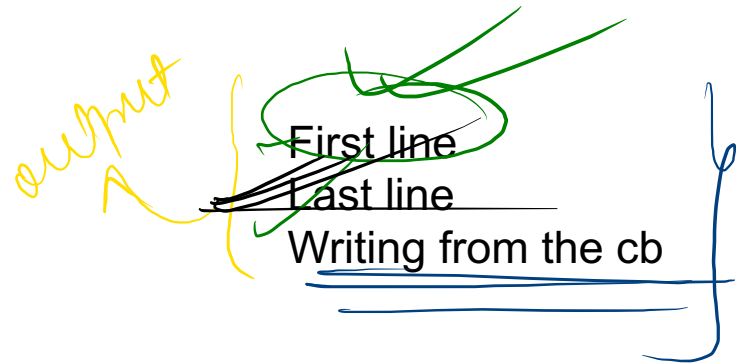
```
console.log("Hello from first line")

function fn(){
    console.log("Hello from inside of the function")
}


fn()

console.log("Hello from the last line")
```
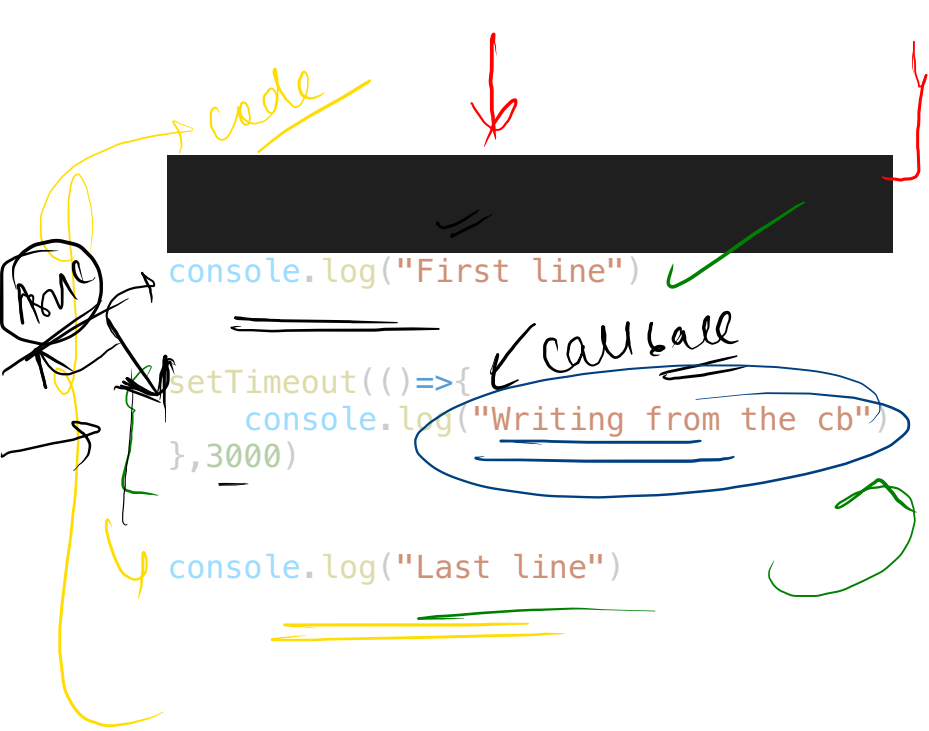
Hello from first line
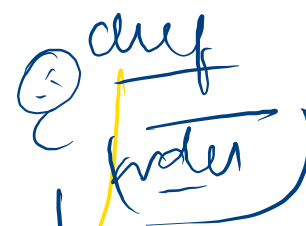Hello from inside of the function
Hello from the last line

Call Stack

[Stack] → FILO / LIFO

Async JS → HOW execution happens !!!!

↓ code

↓

Async code

Async

```
console.log("First line")

setTimeout(()=>{
    console.log("Writing from the cb")
},3000)

console.log("Last line")
```

Call ball

output

First line
Last line
Writing from the cb

registers   Web Apis   timer

( ) = { _ 3   trade time

After 3 seconds

( ) = { =
}

Call Stack

Event loop

CB Queue

Restaurant

kitchen counter

Manage

chef

order

waiting Area