



# Async Code

## JavaScript

- Synchronous → Code will execute one after another
- Single threaded

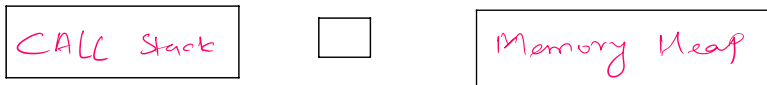
default

## Execution Context

→ execution one line of code at a time

- console log → 1
- console log → 2

each operation waits for the last one to complete before executing



## # Blocking Code Vs Non blocking Code

• Block the flow of code

• Read file sync

→ Code stop execution while reading the file

• It can be used during registration we want user can only continue only if the registration is success

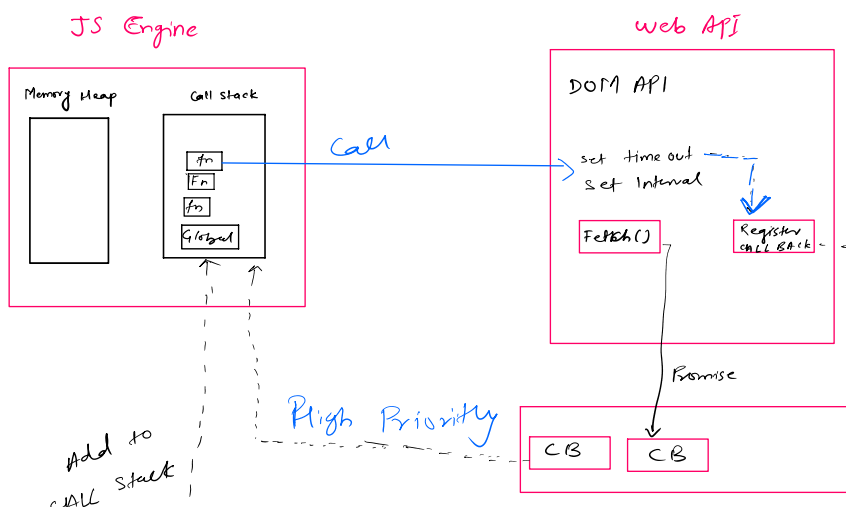
• doesn't block the flow of the code.

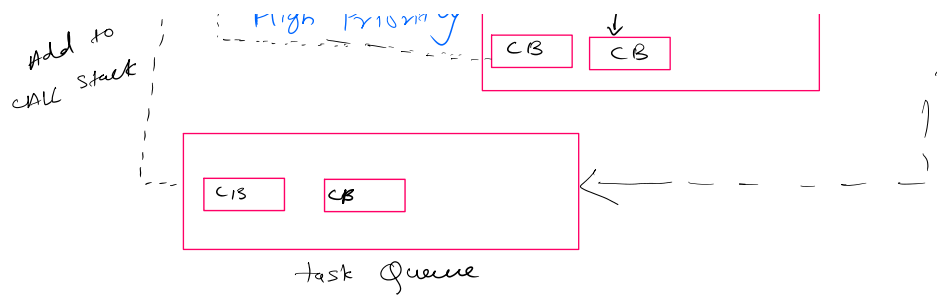
• Read file async

→ Code continue to execute while reading the file

→ which is good?

→ Both are good, it depends on usecase.





Event loop