ASYNC JAVASCRIPT

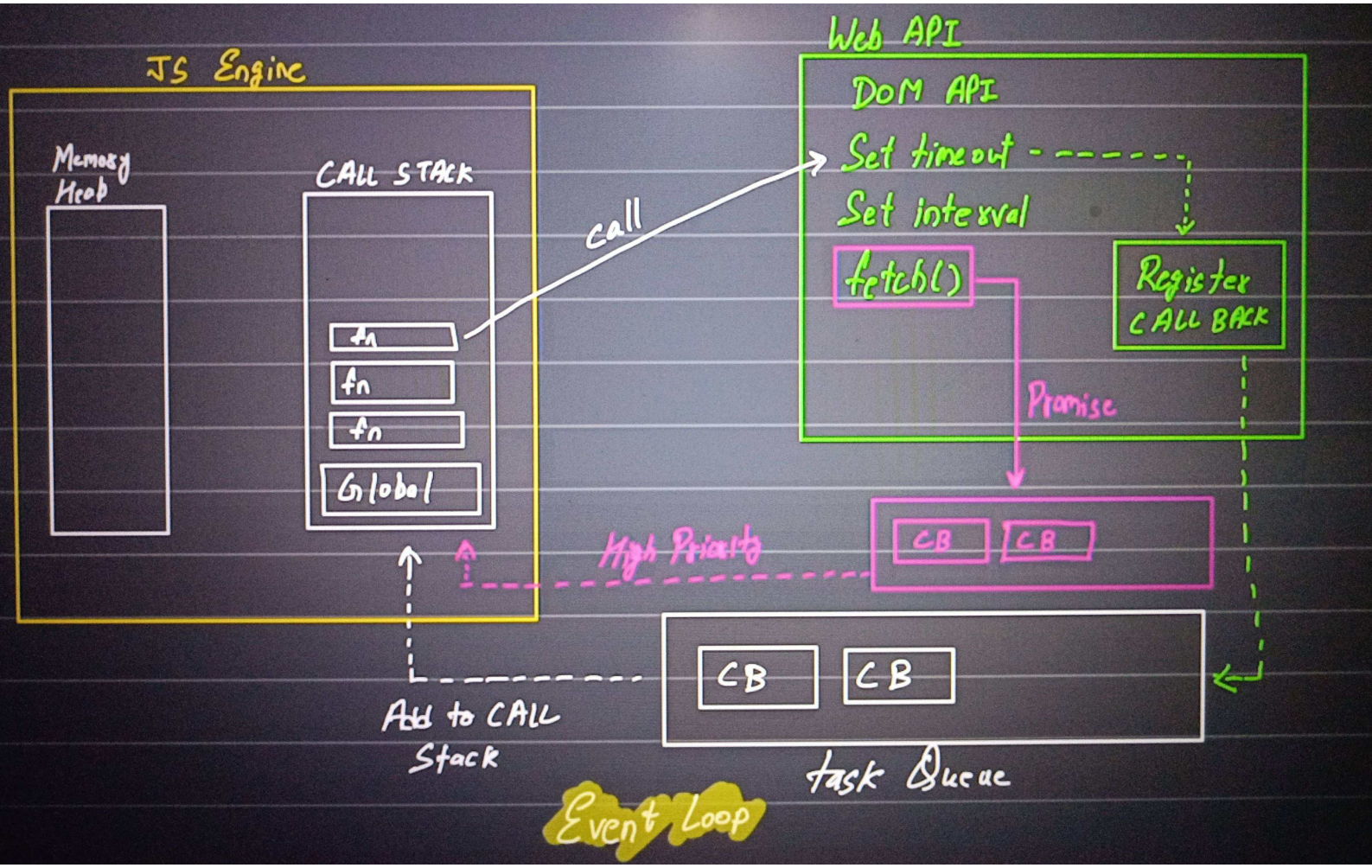
* JAVASCRIPT (BY DEFAULT)
  - ↳ Synchronous
  - ↳ Single Threaded (∴ slower than multithreaded lang. but does not feel slow in run time environment like browsers or node.js)

* Execution Context
  - ↳ Each operation waits for the last one to complete before executing.
  - ↳ executes 1 line of code at a time
    - ↳ Console log - 1
    - ↳ Console log - 2

CALL STACK

MEMORY HEAP

* Blocking Code vs. Non Blocking Code
  - ↳ Blocks the flow of the program jbtk vo code sum nt hojata.
  - ↳ eg - Synchronously reading a file
  - ↳ Does not block execution of the program.
  - ↳ eg - Asynchronously reading a file.


JS Engine
Memory Heap
CALL STACK
fn
fn
fn
Global
call
Web API
DOM API
Set timeout
Set interval
fetch()
Register CALL BACK
Promise
High Priority
CB
CB
CB
CB
Add to CALL Stack
task Queue
Event Loop