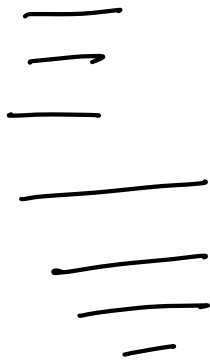


Agenda

- Sync and Async Programming
 - Callbacks
 - Event loop mechanism
 - Async modules
 - parallel and serial operation
-



(Making an API call)

Single threaded, synchronous language

JS is a sync programming language. We can do only one thing at a time or can execute one line at a time, from top to bottom.

Async methods

- Alert()
- fetch()
- setTimeout() → Non-blocking async code which executes the passed

function after the timer
is expired.

- 1) Call Stack
 - 2) Callback Queue
 - 3) web/Node API
 - 4) Event loop
- Call Stack

Output:-

This is File 1
This is File 2
This is File 3



Output:-

Start
End
w-0
w-1000
w-2000