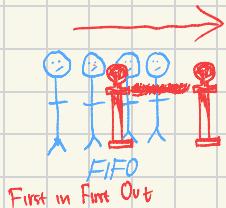


STACK VS QUEUE

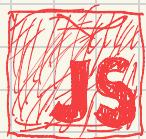
Stack → Lookup $O(n)$
Pop $O(1)$
Push $O(1)$
Peek $O(1)$



Queue → Lookup $O(n)$
enqueue $O(1)$
dequeue $O(1)$
Peek $O(1)$



How Does Javascript Work



asynchronous
VS
synchronous

JavaScript is a single threaded language that can be non-blocking?

JavaScript Engine

Memory Heap

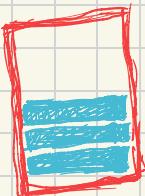


Global Variable = BAD

Jika lupa di clear, Memory Heap akan penuh dan aplikasi tidak akan berjalan

const a=1;
const b=2; Memory leak
const c=3; issue
because Global Variable, Karena ada limit, variable dibuat unused

Call Stack



console.log("1")
console.log("1")
console.log("1")