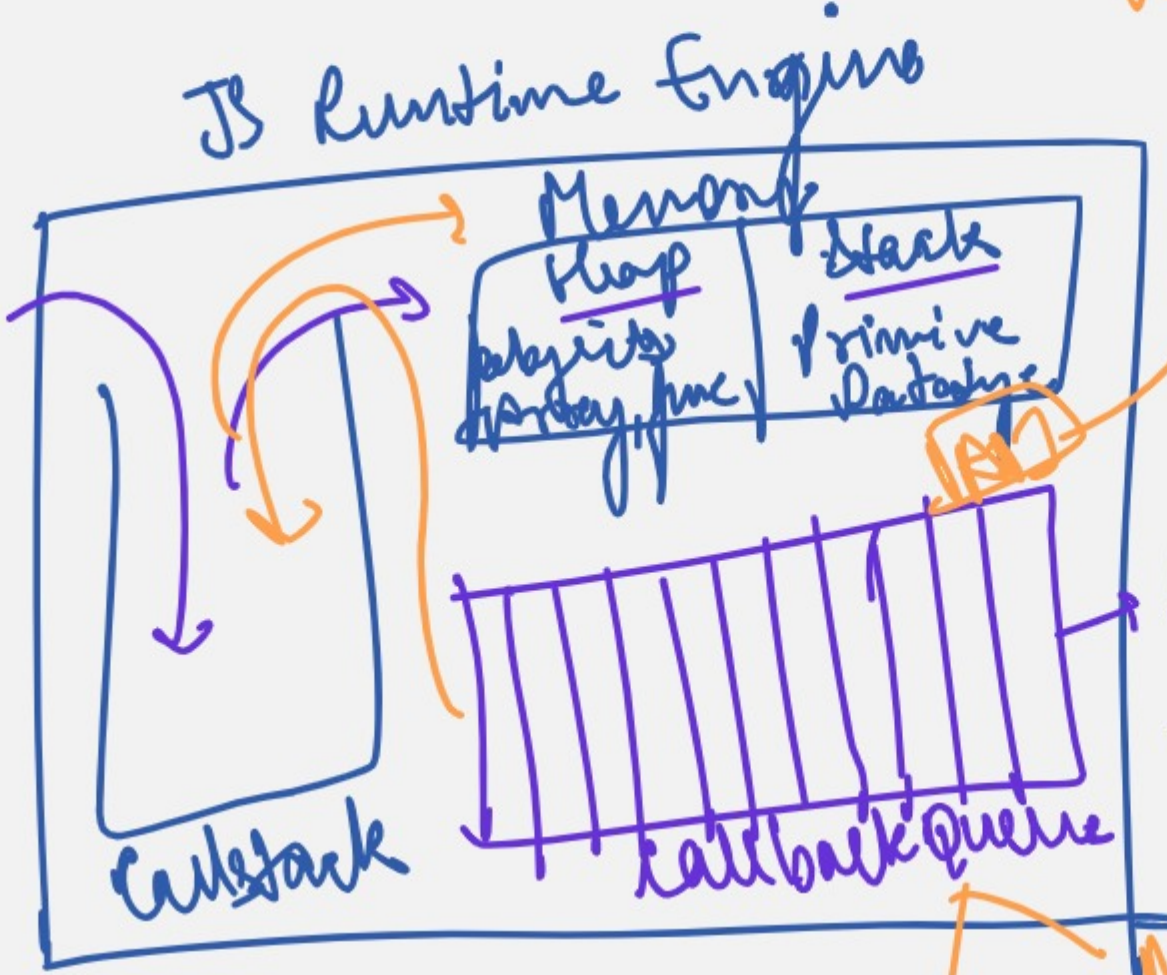


JS  
 ↳ sync, single  
 ↳ Async  
   ↳ Callback  
   ↳ Promises  
   ↳ Async Await  
 ↳ Callback Hell / Pyramid of Doom

Object 3 states  
 ↳ rejected  
 ↳ fulfilled  
 ↳ pending  
 Result  
 ① Producing code  
 ② Consuming code

JS  
 ↳ Sync  
 ↳ Async



WebAPI, DOMAPI

nodeJS  
 chrome V8  
 Anconda  
 (SpiderMonkey)

Event Loop

Macro  
 ↳ setTimeout, setInterval  
 Micro Promises

Asynchronous  
 tasks  
 (Promises, set timeout)

JS node  
 ↳ parse  
   ↳ compilation  
   ↳ Execution