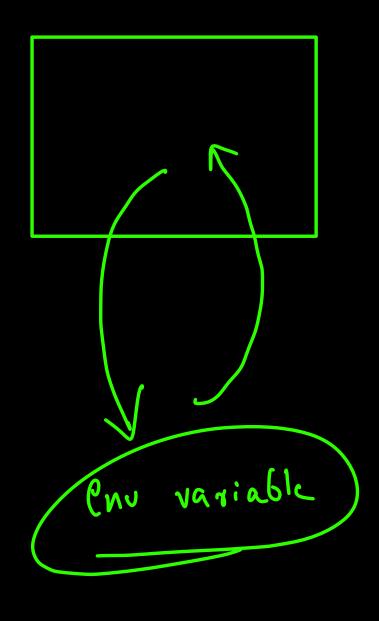
Promises libur -> event loop officed doss one Pull trip of cuent loop. Single iteration

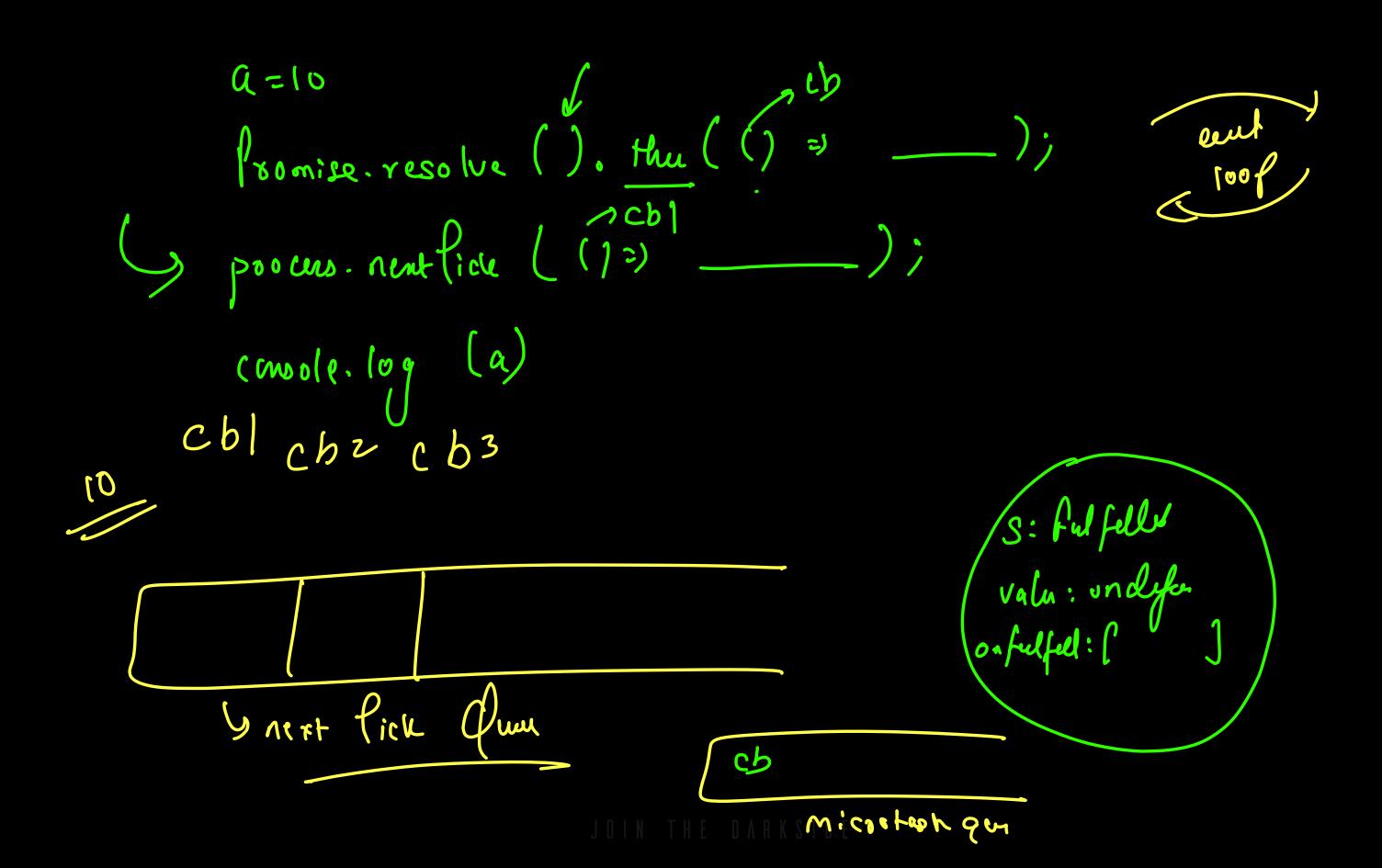
Promises tiche Hiners 1/0 callback poll challe dose process. neut lick -> this func takes a callback. By calley process neutlick me instruct node to invoke this cb fenct at the end of curret operation before the Next fich starts.

9 106 als fil. geta process. env module 8 Yvire Dro cess env variably modele Pattroy diff propentus
assoc po your assoc Code 270 cm Cem Procus. en Janiable



()) -> enecution of rent lick call backer.

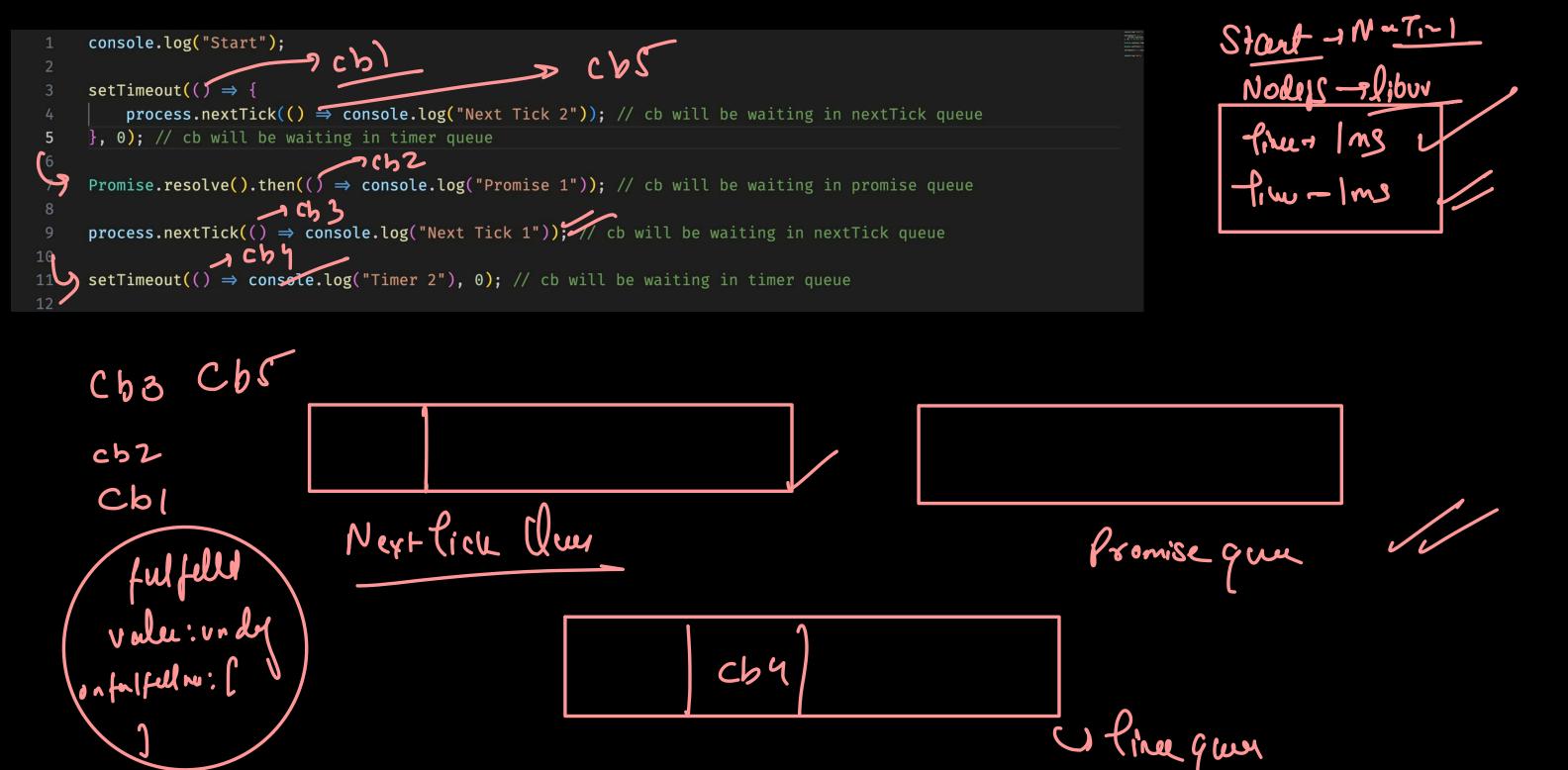
(sall of the cb are added one by one in the next lich queu. C) wholen ch are thu in the next lick queen are one by one enculed. Priority methicu que > Voiceity Microtash que.



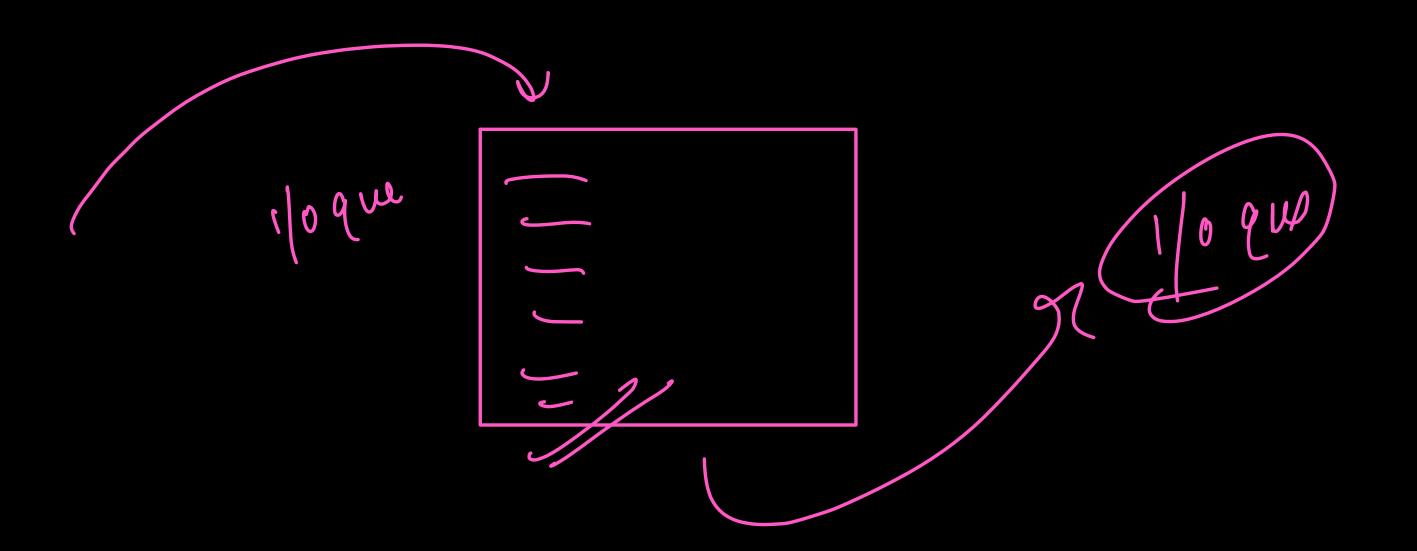
The first iteration of each loop starts also your court set of instruction one day (man thread is down), and neutlick que is empty, then the iteration of event loop starts.

next lick Dun will be revolued Event 1000 l'ich Citeration Stants) $\left(\stackrel{\cdot}{\mathcal{A}} \right)$ Microtask que Moomise que Le que velu promise cb are prosent Stouts enec. liners que Contain all He callbacks of times Staut crec Stout Neut Pick 1 from is 1

ININ THE DARKSIDE

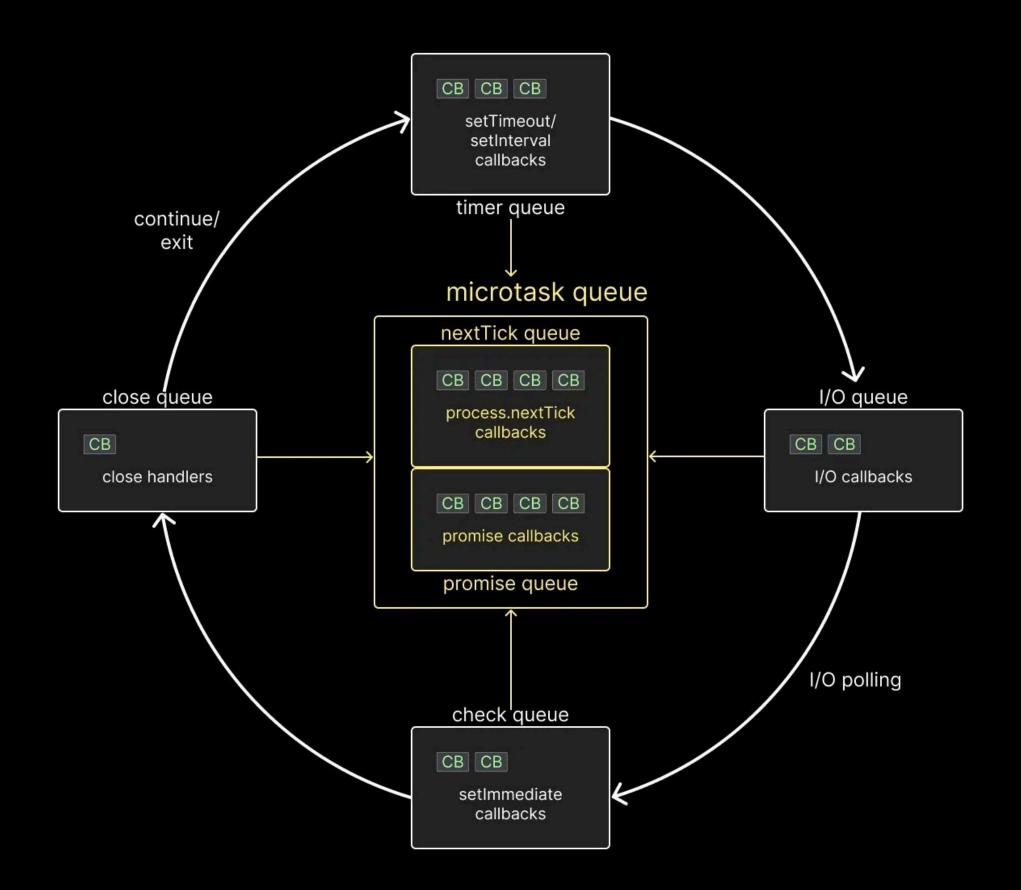


Any cb in loomice que We one by one enecute choir lines gover. But after cuey els enec, cue check step 1 and 2. Pendig Callback > 1/0 queur or callback queur

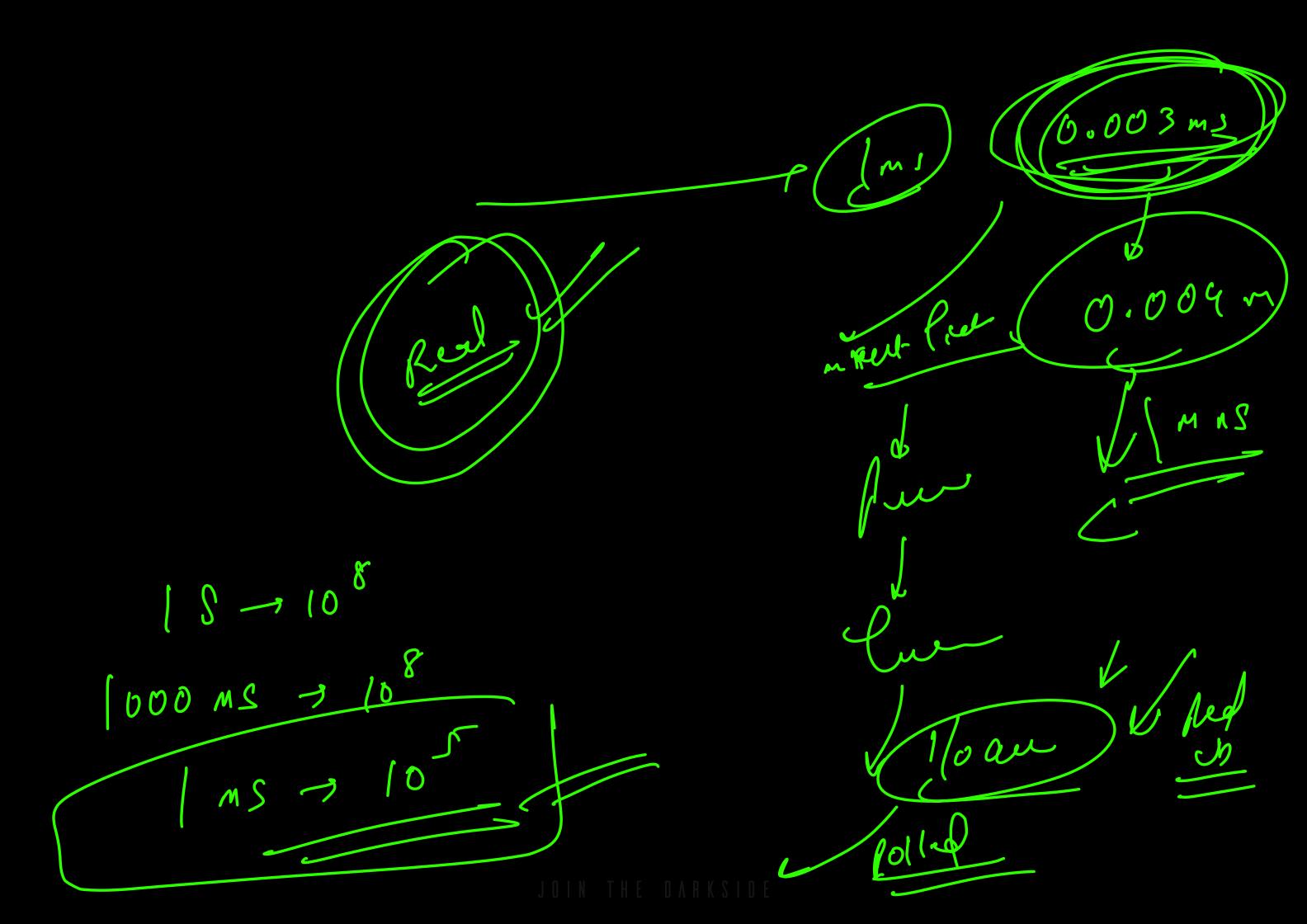


next lich -> bonia -> linen -> 10 quem-Check Close Chick quy close que fleis que only contains Cb of set /mudrate()

```
const fs = require('fs');
 3 \rightarrow fs.readFile('./readme.md', 'utf8', (err, data) <math>\Rightarrow \{ // I/0 \text{ queue } - \text{ Callback queue} \}
         if (err) {
           console.error(err);
           return;
         console.log(data);
     });
     process.nextTick(() ⇒ console.log("Next tick"));
12 Promise.resolve(() ⇒ console.log("Promise 1"));
setTimeout(() \Rightarrow console.log("Timer 1"), 0);
    setImmediate(() ⇒ console.log("Immediate callback"));
     for(let i = 0 ; i < 1000000000; i++ ) {} // > 5s
              next Pick
                                                                Promise
                                                                                                                    chicle
                                                                                                           Cb4
                                                                     o que
              Himir
```



tun cb feer que



Mim