

how to create how to consume a promise a promise.

How to create a Promise? In IS we have a fromise constructor parametrise promise promise promise object

, this callback is called Executor callback new Promise (cb) this constructor expects a callback in the # who is it alled executor callback?? at that point of time, our constructor will

enecute this callback. That means this callback is executed by Hu hom: se constitéer inmediality

> We are only responsible for geing the défendion of the call back.

how does this cb looks like??

res -> resolver func ((res, rej) => { encuter fonc?

Because Promise constructor is responsible for

enecuting the enecutor callbock, it becomes the role of promise constructor to gen the definition of resolver & rejector femi.

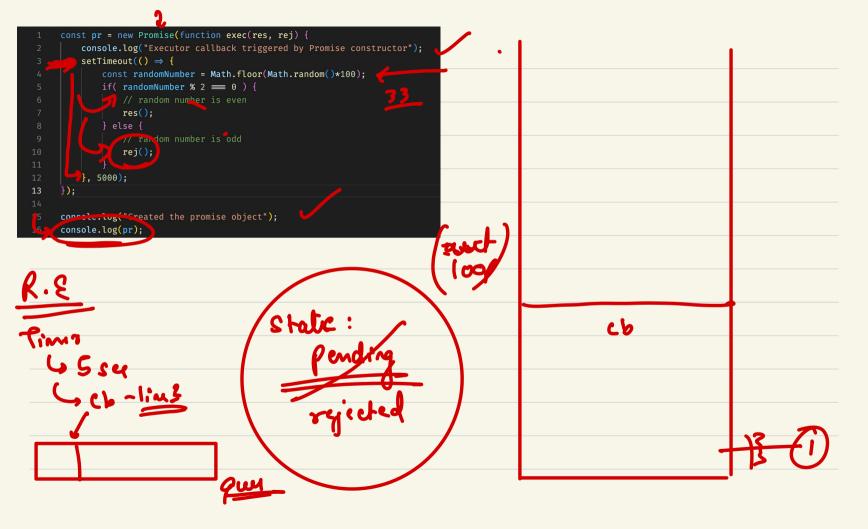
looks like? a How dow Object

Promise Status

at any	point	of time,	a	promia	object	will	be	ic
) of the	3	state:						
_	→ ₹	ending						
_	-> f	ul filled						
_	-, R	ej octed						

Starting state of the promise (undefend) subseneur a promise Pending Object is created ryichn (g) rgited mas unsuccessel Sweepel Coperation of Fulfilled Out promise object com only chays it's stati once. i.c. atmost on time un can change the status.

operations refers to the algorithm written ineide the encutor Callback. if inside the enecutor callback we called the resolver force then: Pending -> forfulled if inside the enecutor callbock are called the rejules funs' thun: Pending -> Rejuted.



ontuitellment & onkejuted arrays

-> These arrays are internally manged by Promise & initially are empty.

—> We can shore some feme in both of these arrays. How? Using the . Hum ()/func available

on a bromise object. [figih] or fulfilment (ii) k) on Regular

-> thise func remain in their respective group till the line promise is pendig. -> if the promise moves to folfilled state, all the func Store in the onfolfellment arrays is queued in a new queue in the memory called as MicroTosk guer 20 onlighted onay does nothis

if primice gows to Rejected State the all the function in the onliqued array you to Microtack gue de onforfellement aloco nothin.

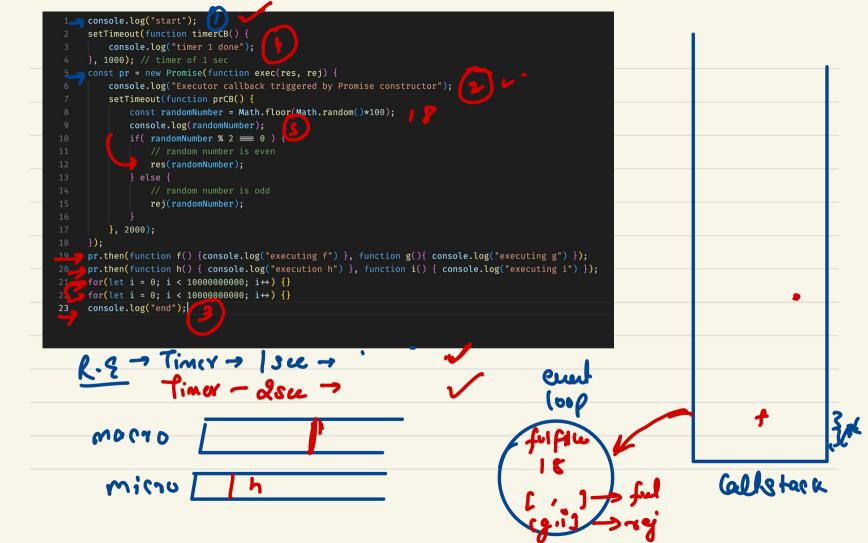
How to consum a promise?? Promises acts as a flaceholder object for something that well come in fecture Lo Once the future enecution is done, then we might want to enecute Some algorithm.

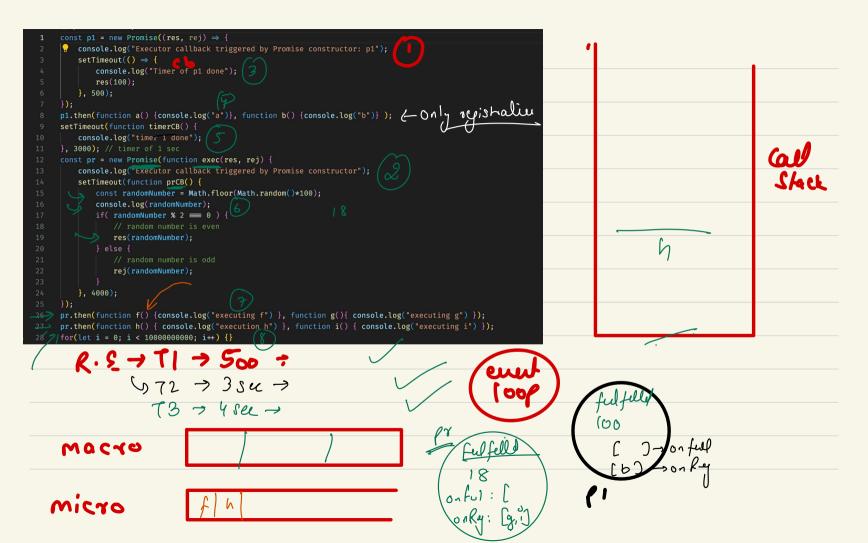
based on if the future wars a fail or scenes.

To achieu this on the promise objet we have A, then function. const pr = new browser (enec);

pr. them (onfulfilled, on ky exted)

or bianal this will go to the or fulful ment array this well go he
the entry which correct - pr. thum (9,6); pr. Hun (c,d); 105(10) valu: undefin 10 cuent enkywia: [d.e] (00/ Macro task lower Polarity micro task cb higher





odur valu y on fulfell ry; stralien

Microtask que