

## Agenda

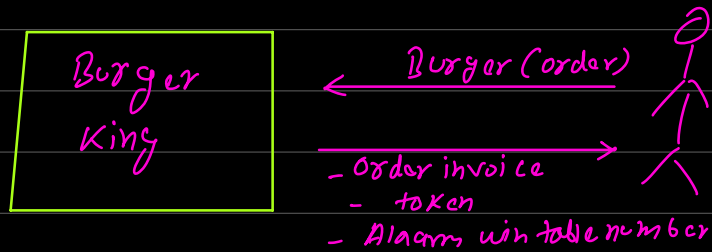
- ① call back hell and inversion of control
- ② Intro to promises as a concept
- ③ consuming promises. (then, catch)
- ④ chaining promises
- ⑤ promises over call back & microtask queue.
- ⑥ converting call back to promise (promisify)

→ Async programming is backbone for js.

How to achieve async:

- call back
- promise
- async - await

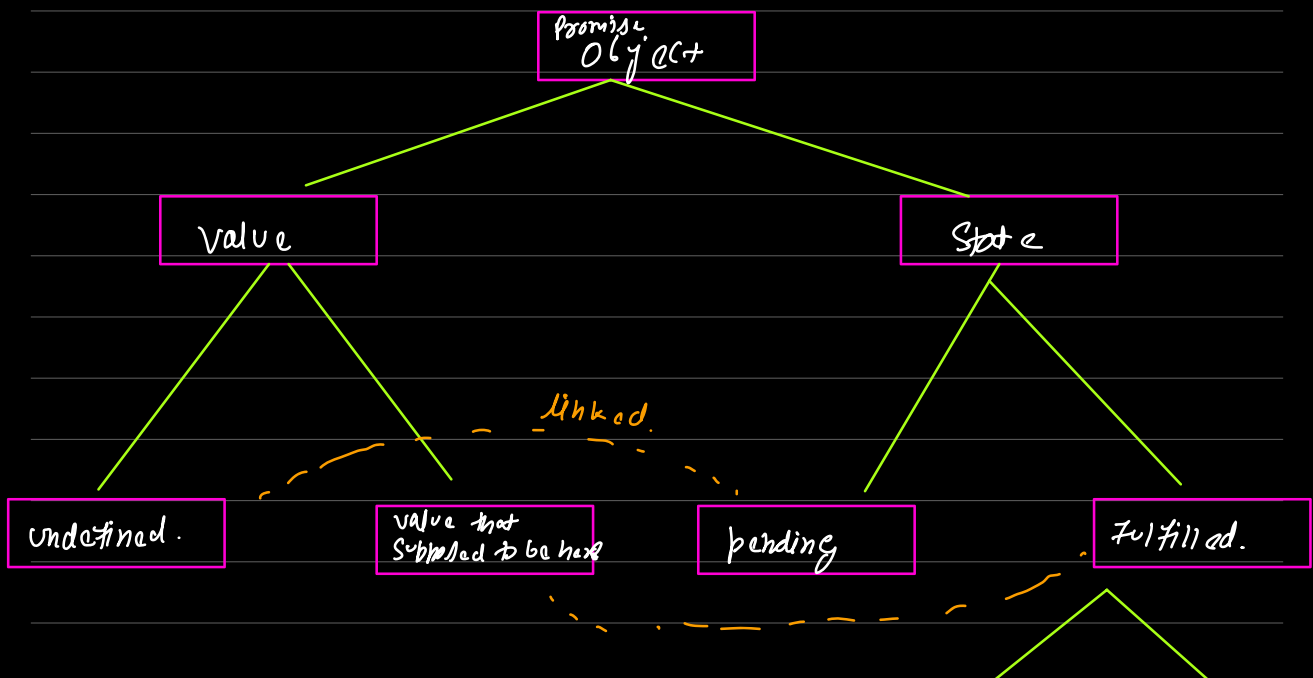
## Promises.



token : value of token determine by function or services that is invoked

[ parking : future car  
burger : future burger  
pizza : future pizza ]

Promise in js



resolved

rejected

: success

: failure

: result

: error