```
print-string (String)
function
      Set Timeout C
           \xi \in \mathcal{O}
                  (console.log(string)
               Math. Floor (Math. random () × 100) +1
        )
  function print All () ?
        printstring ("a") ] —> Independent with printstring ("b") ] —> Hs own set Timout printstring ("b") ] —>
                                        X wat for function to finish
 printAll()
                            that's why we need
                               Asynchronous!
```

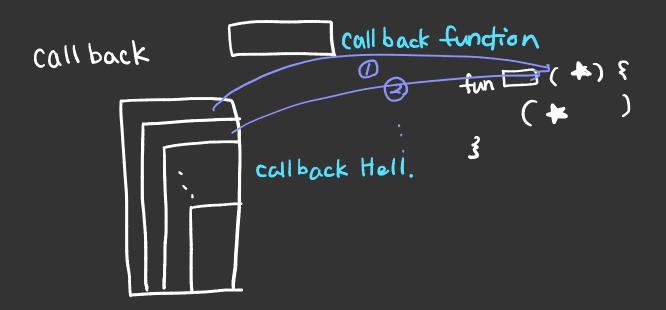
Call backs function print String (string, cultout) ? Set. Time out (() =) { console. log (string) callback() Math: floor (Moth.random () * 100) + 1 PrintAll(){ function PrintString ("A" () => } printString (B", () > { printString ("c") () > {})

?)

```
printAll()
promises fix nesting probs
 function printstring (string) {
      return new Promtse (Cresolve, reject) => ?
            SetTimeout (
                   console.log(String)
                    resolve()
               Math.floor (Math.random * 100)+1
                       promise object
                         Treturn x callback
                       Promise
tunction print AIIC) f
                      return
                     will be promise reject (error)
                            promise obj. then
  . Her (1) \Rightarrow 5
       return printstrhg("B")
                            Promise of then
   .-then (() > §
       return printstring("c")
print All ()
```

```
X nested
  x messy !
                             Arrowfurc. ver
function print AIK) {
    Printstring ("A")
     · then (() >> printstring ("B"))
    .then(() =) printstrng("C")
                   ERROR > coatch()
print All ()
 Await > Syntactic sugar for Promises
               => Sync, procedure)
  Async code
                look
               easter to understand!
        promise methods used! I sty carch
```

keyword for wrapper func async function printAll()s Much Better 1 awatt printstring ("A") awatt printstring ("B") awatt printstring ("c") X use Await at Gbbal Lene!



Promose () ERROR
. then () . coxtch()