what for can do is parameters -> expecting these values due func's call ducided duny prous array (function processArray(array, (fn)) {

fn can gen you access to call ube 16 17 processArray([2,3,4,1,5], function cube(x) { return x*x*x; }); // passing function as an argument 18 femotion body cugument I interestly found is argument passed passed for that are are passing fer 'fr' farameter "array" foranta function as an inction cube (x) 1

return 2x2; any one, any user callo cube fina? unchion cuelle a number well get cube of the no as return.



function processArray(array, fn) {

14

15 }

16 |

17

18 processArray([2,3,4,1,5], function cube(x) { return x*x*x; }); // passing function as an argument

His is a HOF

17

18 processArray([2,3,4,1,5], function cube(x) { return x*x*x; }); // passing function as an argument

ADF > It is a function that takes one or more functions

Order function

Callback - Callback is a function, which is an actual augument to a HOF and is passed as an argument to a HOF and is passed as an argument

One Imp use care of Callback > - Sometimes Oleve femoriones might not complete immediably and complete in future Ser a fem à that downloads a feils. in future, what should we do can be contralled by callbacks.

In built fem?

US gues us accers to some already built in function. Est > Math.sgrt, for Each, map etc

Because funct aux first clars aluens, me con return a femorion also.

```
function fun() {{
    console.log("Called the function fun");
    return function cleanUp() {
        console.log("Cleaning up the resources");
    }

const result = fun();
    result();
```

result = femcion cleanUp() {

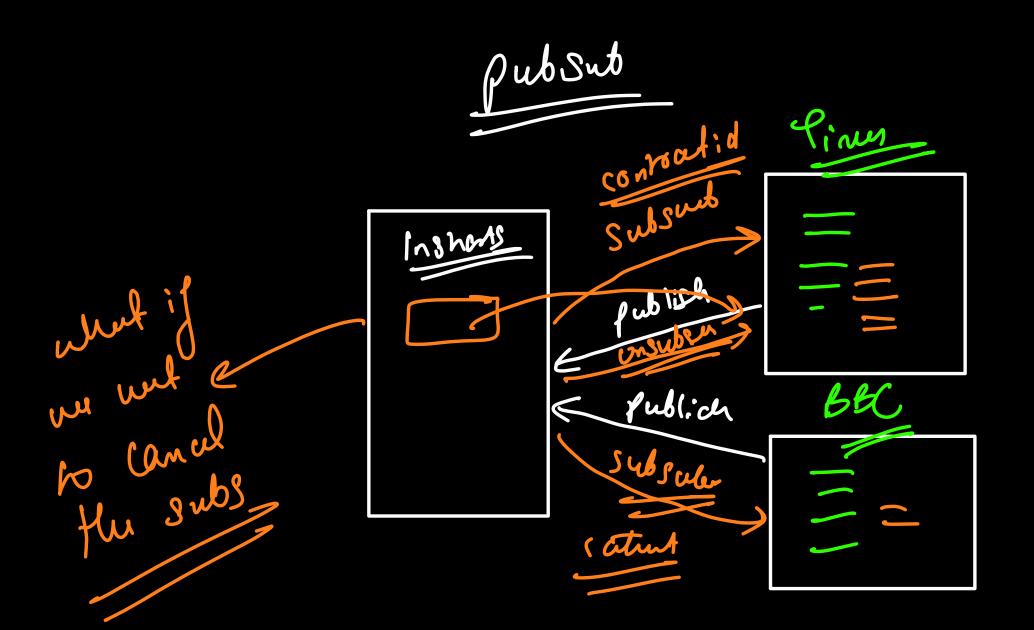
you au 9 Cintad In John isulated Boeau of Bus coche felle Cile new fenca & vante with Imflich names P. 1 of Jene? Conabk new feur & 1 vauble ules un can enfect. wray scopes Chayes in There is an intern

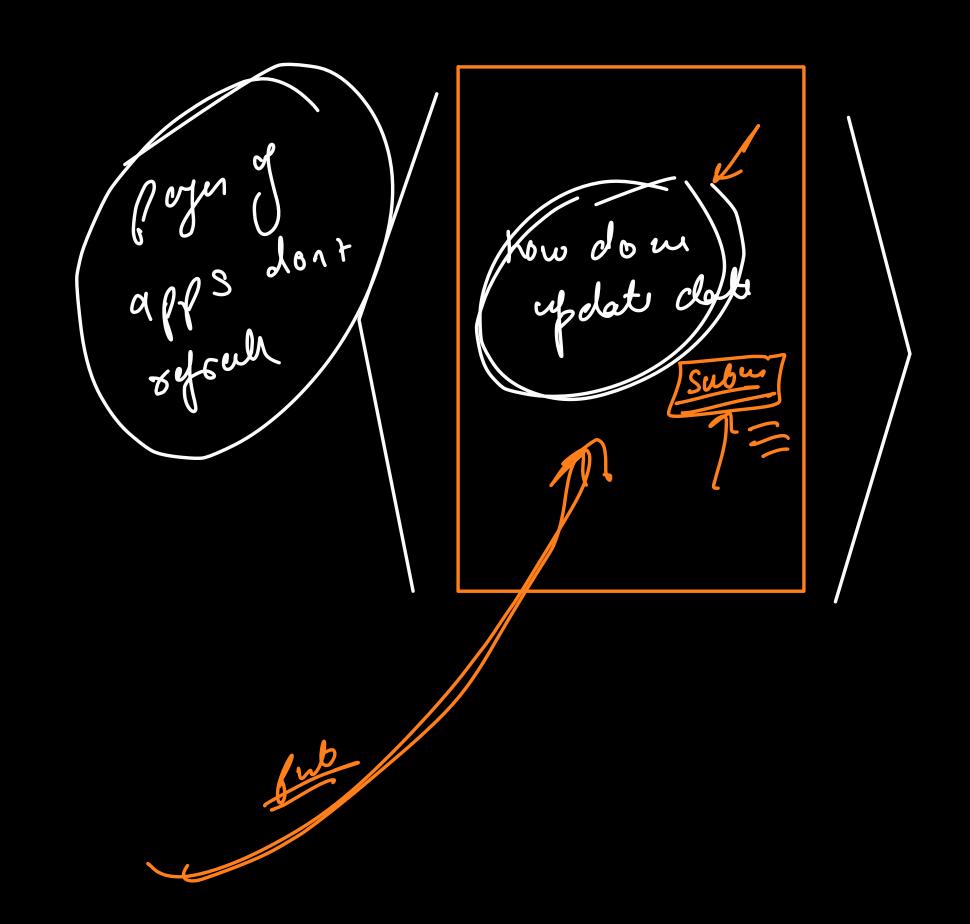
JOHN THE DARKSIDE

expression Immodiately Invoked function meany of immediality invoked is that the moment you define the fence congression it is immedially created there & Cannot be accessed anywhere else.

```
function downloadScriptFromIdeoneAndPopulateDatabase() {
         // this was an old function
 3
         console.log("Old function implementation");
 5
6
     // more code 8000 lines
8
     downloadScriptFromIdeoneAndPopulateDatabase();
10
     // somewhere between
11
12
13
     // intern by mistake makes the same function
14
     // To solve this, we can wrap Follow link (cmd + click) de that can break, into an IIFE
15
     // Docs: https://developer.mozilla.org/en-US/docs/Glossary/IIFE
16
     (function () {
17
         function downloadScriptFromIdeoneAndPopulateDatabase() {
18
             console.log("New function created");
19
20
         console.log("Calling intern code")
21
         downloadScriptFromIdeoneAndPopulateDatabase();
22
23
     })();
24
         Dinvocation of the func empression
                                   Bais of Barenthen, it is a
```

$$f_{n} \rightarrow old$$





Chaining Of functions

Promices

Promices

Thu()

Hu()

Hu()

JSobjet

Spunci: fundia (n) 6...3

J

- low fly can inter -> good pag een ister code 1 Todo m light og hood it - 7 gogle coderator sprinkter 2019 = off Coupum US+ 839 it is on the say mater + PSA 10 about inbut HTML + CSS