

Syllahus:

longuage:

- Recursim
- Array
- Dyname Array
- Stack
- Overe
- 66
- Trees
- Graphs

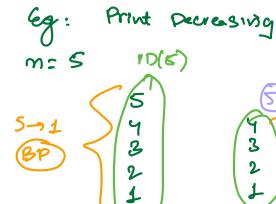
C/C++) Jova 8:3,-10 10-12

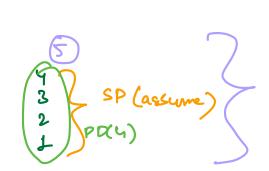
Thur | ARY =

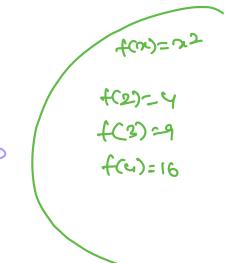
## RECURSION:

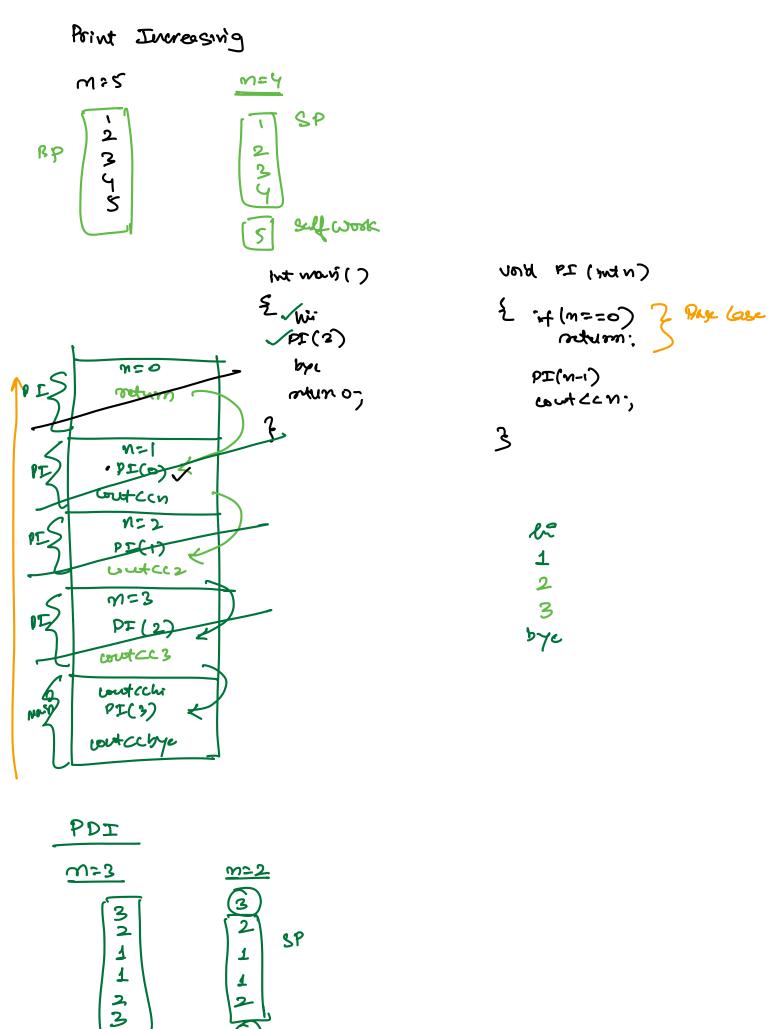
- (i) Bigger prontem
- 2 Sweller problem

  Assume So men
- 3 SP -> BP (Self work)









M--:

n=3 n= 352 cost cair. 3 PDT (2) n=82 PDES Coxec Wicz PDI(3) lui POI(3) med PDIS M=10 POI(O) PDI PDI(1).4 byc1 ms=2 hir 3 PDI(2). hű PDI(2) -مهم

und PDI(int n)

E

contcc wi con;

PPI(n--);

contcc weecn;

lu 3

hi 2 hi 2 hi 1 bye 0 bye 2 lope



$$m=6 \longrightarrow 6^{44}$$
 fib  $no \longrightarrow 8$ 
 $m=8 \longrightarrow 8^{44}$  fib  $no \longrightarrow 21$ 

m=6 -> 6th flo ro?

? mte fib no?

The (m-1)ter of (m-2)ter offer

SP

RC:ans

RC:ans

Squark

Bü

**b** 3

mas.

(nthibliptm)

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int fum!= fig(u-i);

int fum!= fig(u-i);

int fum>= fig(u-i);

la fu = fum!+ fum>;

return fu;

3

fib(4) 3

fib(4)

fib(4)

fib(4)

fib(3)

fum= fib(3)

fum= fib(3)

