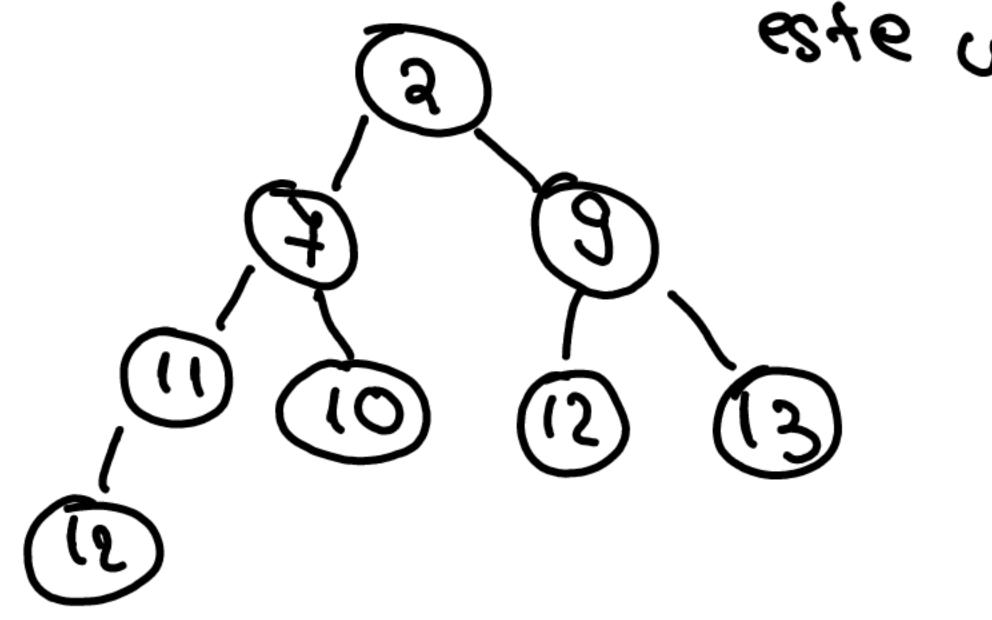
```
A. Succeipentim iterativ de compeenitate O(n3)
 suladopaitm gasseste ( V, no, e) lste
     4 bre: n else mu rector que grimonsime m3
            m 26 e Zwysed
       rost: se seturmenza i daca s-a gasit e in
             sections di 02 lu cons conspons
      temtrue i=1, m3 executa
           paca, r I i ] = 6 otmor.
              gaseste L-1
           Sebaca
      SRAmtru
      gaseste e-o
  SR Sulce & Jose 4m
cost bancours -> coind elemental airtest este be
                Britis (1) (1)
                  A(m3)
```

Cost délaconnecié à cand éamentue nu se gaseste insix

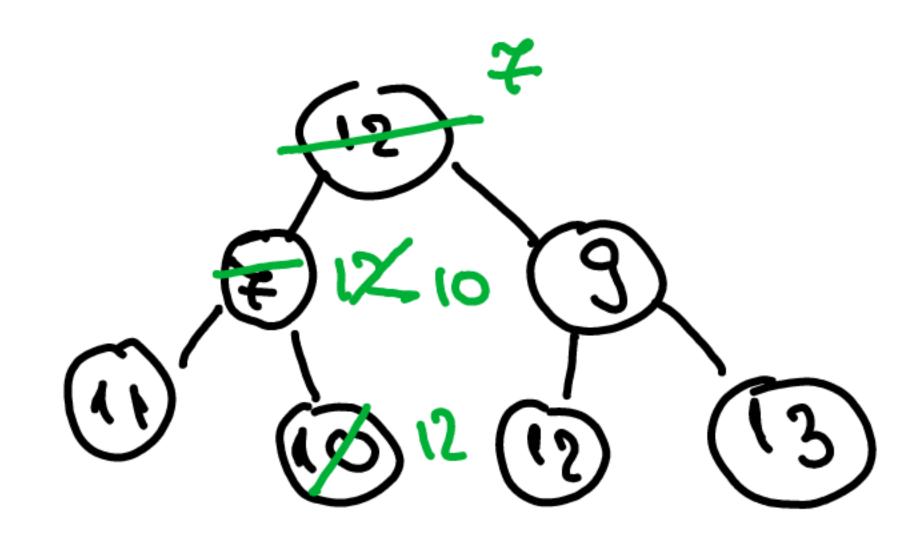
Coop medice >  $\frac{1+2+...+n^3}{2} = \frac{(n^3+1)\cdot m^3}{2} \in \Theta(n^3)$ m3

=> Complex xitates este 0(2)

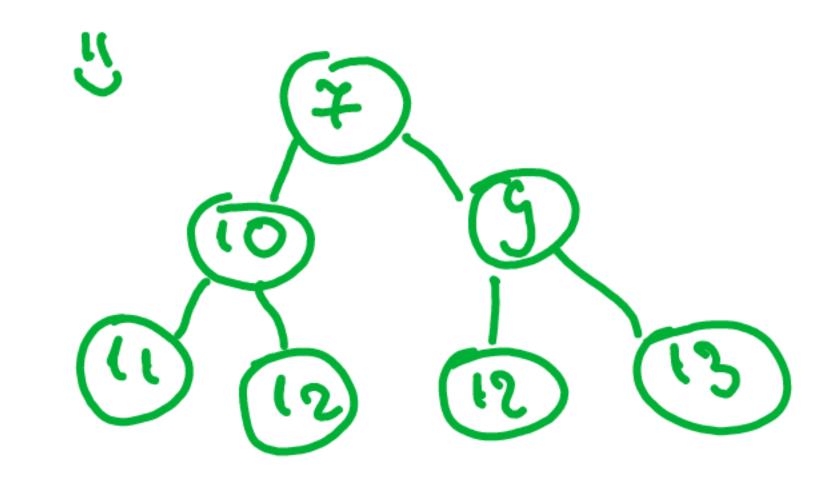
Amsombleed initial -> se alsorvai ect acesta este un min HEAP



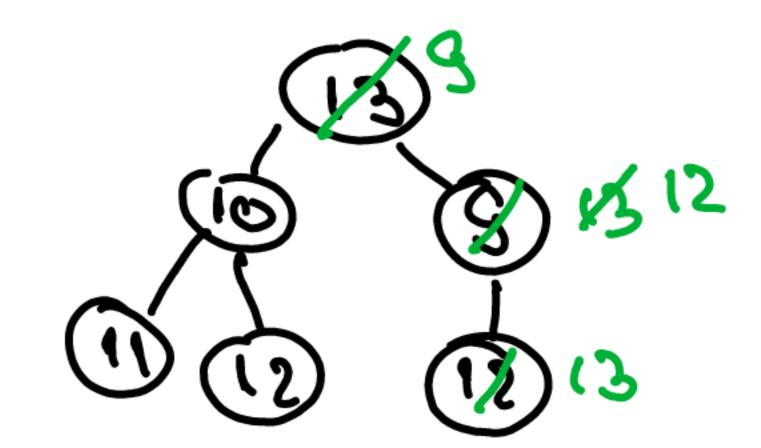
Perima apaosité de grosgère - se este infacuita de cettimul e coment: 12



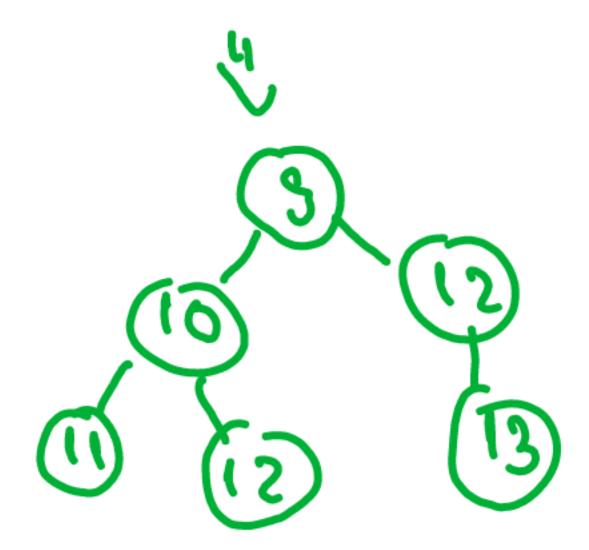
- Leuran de son sa e confraçon be 15
- o 4715 => capazazu bo (J
- , 10 13 => capasaju be 15



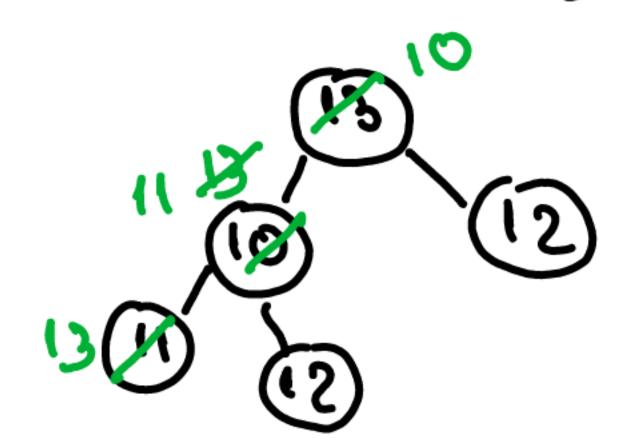
A donne approctié de 3 tergere



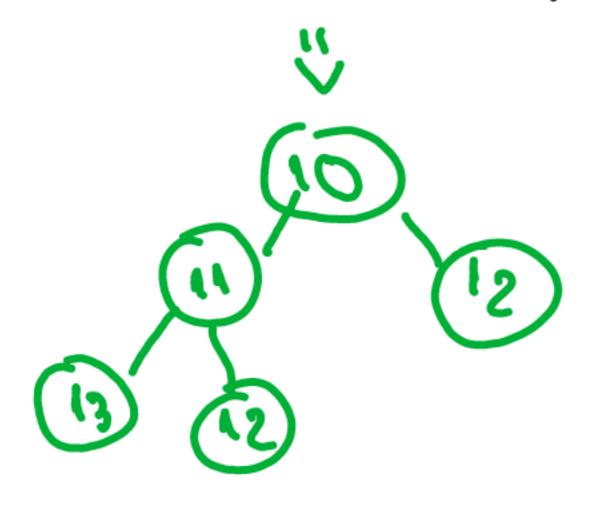
- 0 3 < 13 => compagin be 13
- 15 5 1,2 => congroupue be 1,2



A treva aboutive de stordors



- . 10 < 1,2 => casonogue be 13
- , 11 ता => casavayu be 13



accontante de 1830 =>  $\Theta$  ( m+1850) =  $\Theta$  (m). Acest naccontante l'initial). In contact de l'années de l'année

Cr. TD in core collectionité se ret. Parim intampure Aliamatria latautai este una locasai a decasace nectorare le incorracte al tallelle:  $d = \frac{m}{m}$  (n., nr. de elemente, m. adimensiumes tallellei) or presuperne ear elementelle sunt impositifé în mad egal între colle m l'accatic.

Formers on the control defendence of impere de executive acts of  $(m, \frac{m}{m})$ 

Cum se considera

```
Ascasse:
 e: I Ecomont []
 n: Introd commensioner nect-de élemente)
Suadamitus (cod (a ° 6) 62+6
    1 pre: a e Aragne
          e e l'Ecomemt
      post: se va retroins un cool deca e se apla
           in nectas son exceptie gover un
      1 contre en cours or console à right
      baca a.m. = o atemai
           @ excebtie "nr a bast dazit repumentar,
      String c- "1" i coache cerut no br. stocat in vor string
      baca e=a.e[17 atemai
           coad r- staring
       SG pacer
       andra con y se amonga, a amonga, s
       adauga (c, ) }, string?)
       1 se actionage étre coache a peroche de lindrice, strang)?
        cattimp I vida (c) execute
               storge (c, finduce, s?)
                baca indice 2 é a vu atamor.
                    2 me alleann in su Care a araba Staing?
```

```
Dacos a le Cindrica 127 = 6 atomori
                                       $1' "2"
          cod i- @ concatenare s
    SE poca
     adauga (c, z induce * 2, S+ 4243)
  SC Macci
  pacce implice 48+1 = a.w atence
      me a recomm in succoncerne le drapt !
       1 vourlie com sai vealenn da ca am gaisit ellementul?
        baca a e l'implier 2+17 = e atama
        SE bacar parte ar tre Bui mentionnata cop.
        adaugai (c, 2 induze *2 +1, 8 + 6 + 7) en
   SGPoca
                                          acauatanas 3
 9mis 76098
  1 dacai s-a ajums la aimal, inseamna cai nu am 1
 1 gasit etermentul 1
    exceptie "hus-agasif remontur"
St Sulalgouitm
Complexitate: de timp: 0 (n)
                    cost for : dazieur etem to banima bar : 0(1)
```

out de Rav: nu gasim errom: +0 (n+1)

QOUT Medice:  $\frac{1+a+...+m}{m} = \frac{(m+1).m}{m} \in \Theta(m)$ 

de sportike:  $\Theta$  cm)
caditionnel