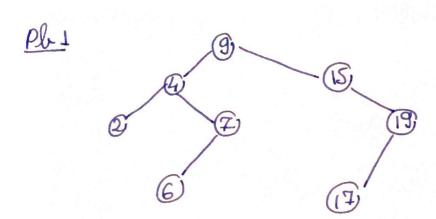
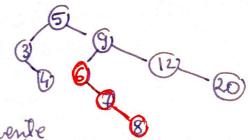
Problème curs 3,4 SDA



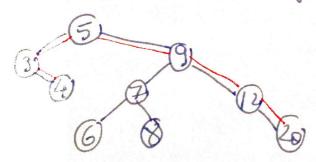
Paraugre preordine: 9,4,2,7,6,15,19,17

Pl. 2 pentru recepta (e):



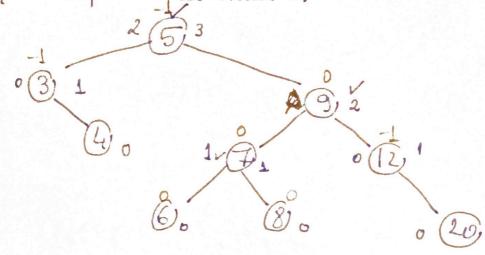
pentru fiecare nod alui secrente 8
se veri fica daca elementele din Freaze acestuia sepresinta toate nodurile aflate in substriborele a corni rocto cina este nodul respectii.

- . Care mut chaile din Moderi frante den ablosele initial? R: 4, 6, 8, 20
- · Core este val. diametrului arborelui? diametru = leugine ruaxima duitre 2 frums.



Ente un arbore AVL?

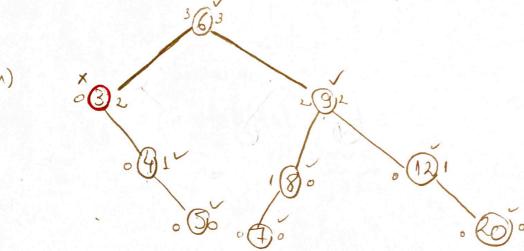
Lowlow echilibrati -> féccure mod al enboulur este echelitreit (diferenta de maltime ditre rubarborele stong nicel drept este, cel mult 1)



Maduri edulitrate 4, 6, 8, 20; 7, 12, 9, 3, 5

=> toute moderile suit echilibrate => arborde este AVL

6,3,4,9,12,5,8,7,20



b) parairgorea port ordine:

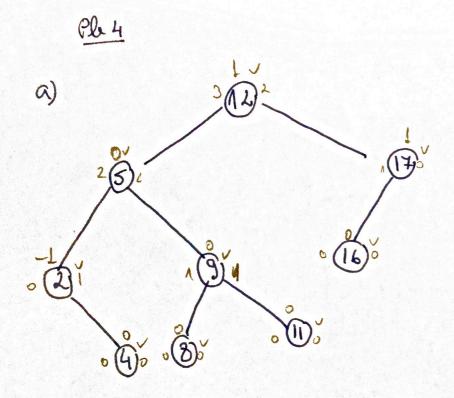
5,4,3,7,8,20,12,9,6

C) inaltima eurborelin = 3

di este AVL?; moderni echile breate: 5, 7, 20; 4,8,12, 9,6 => 3 mu ette mod echilibra

=> nu toale nochorile suit echilibrate => NU E AVL

pt. a deveni orbore AVL ette suficient sa adougom cheia (sau orice numor < 3)

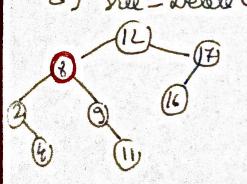


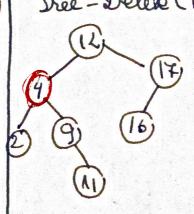
- b) post-ordine: 4,2,8,11,95,16,17,12 moderni interne: 2,9,5,17,12
- c) arbetre perfect exhibitrat (ANL)?

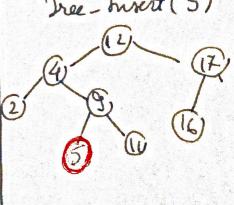
 moduri exhibitrate (furbalhimea dui nubarbacule stg. inothimea
 dui nubarb. drept (≤1): 4,8,11,16; 2,9,5,17,12 =)

 =) toute usclurile mut perfect exhibitrate → este AVL

 d) Tree-Delete (T,5) | Tree-Delete (T,8) | Tree-hiert (5)







poruntele lui 0 este R