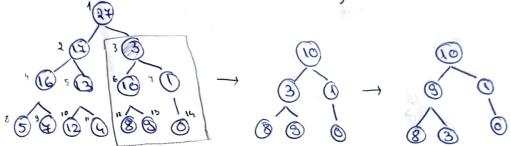
Semimax 1

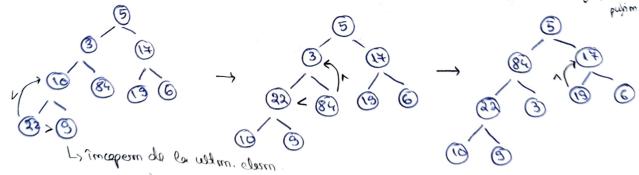
(HAX-)HEAPIFY (A,3) position clem. de unde me interessera ordonaxea



Vectories dups heapily: A= { 24, 14, 10, 16, 13, 9, 1, 5, 4, 12, 4, 8,3,0}

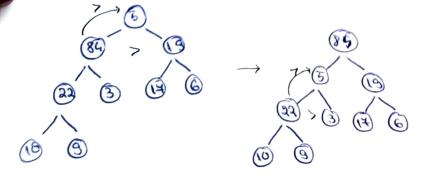
(MAX)BUILD => heapify invers

A = {5,3, 14,00,84,19,6,22,9} parcurgi vectorul inv. (In schema am grunt and)

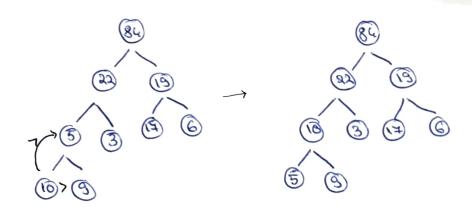


Imapem de le Whm. elem composion en ce de Cimia lui

Pl că (4) axe copii saturnei aplication heapifu pe copiii lui si după combinudion



Acum problema e ca 5222, 000 ca aplicam iar heapify pt apicili bui 5



Vectoral dupa max build: A={84,22,19,10,3,14,6,5,9}

MERGE SORT pt k vectori cu $O(m \log k)$. Excuplu pe k = 3 $V_1 = \begin{bmatrix} 2 & 3 & 8 \end{bmatrix}$ $V_2 = \begin{bmatrix} 4 & 5 & 9 \end{bmatrix}$ $V_3 = \begin{bmatrix} 4 & 5 & 9 \end{bmatrix}$ $V_4 = \begin{bmatrix} 4 & 5 & 9 \end{bmatrix}$ $V_5 = \begin{bmatrix} 4 & 5 & 9 \end{bmatrix}$ $V_6 = \begin{bmatrix} 4 & 1 & 1 \end{bmatrix}$ $V_6 = \begin{bmatrix} 4 & 1 & 1 \end{bmatrix}$ $V_7 = \begin{bmatrix} 4 & 5 & 9 \end{bmatrix}$ $V_8 = \begin{bmatrix} 4 & 5 & 9 \end{bmatrix}$ $V_8 = \begin{bmatrix} 4 & 5 & 9 \end{bmatrix}$ $V_9 = \begin{bmatrix}$

Aplicain hespify pe ficare "col", pe k elim

Vector = $\begin{bmatrix} 1/2, 3 \\ \end{bmatrix}$ ive ien 3

Pt k elem/vedorci =>

 $V_{2} = \left\{ a_{1}, a_{2}, \dots a_{\delta} \right\}$ $V_{2} = \left\{ a_{3}, \dots a_{\delta} \right\}$

VR = [alter, ... am]

