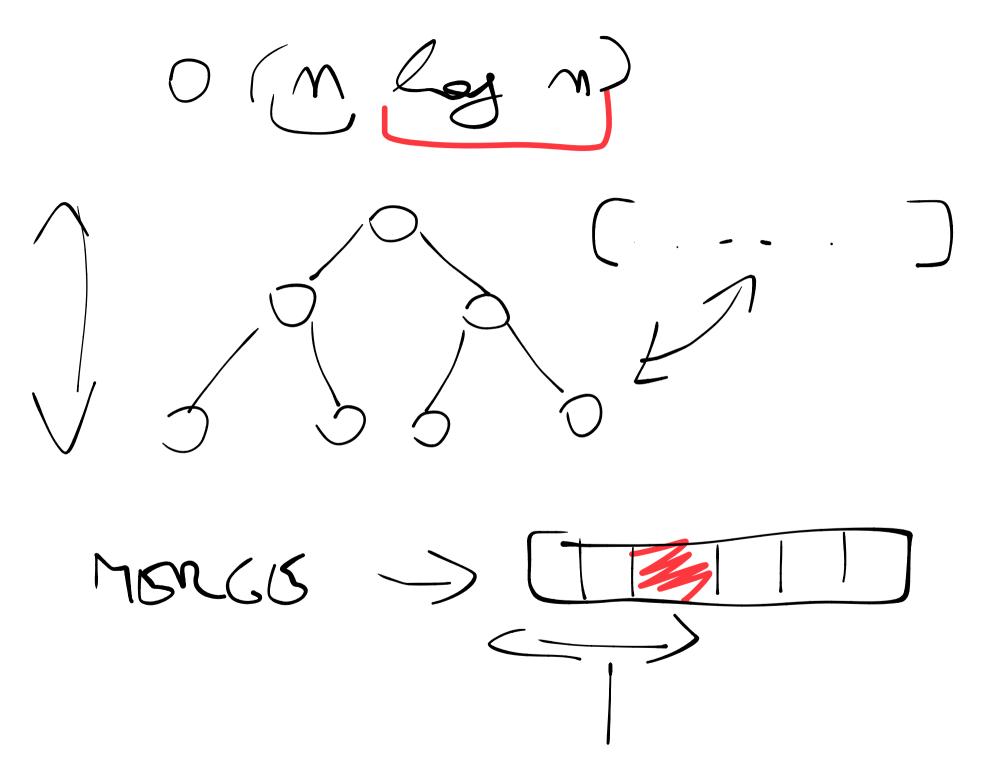
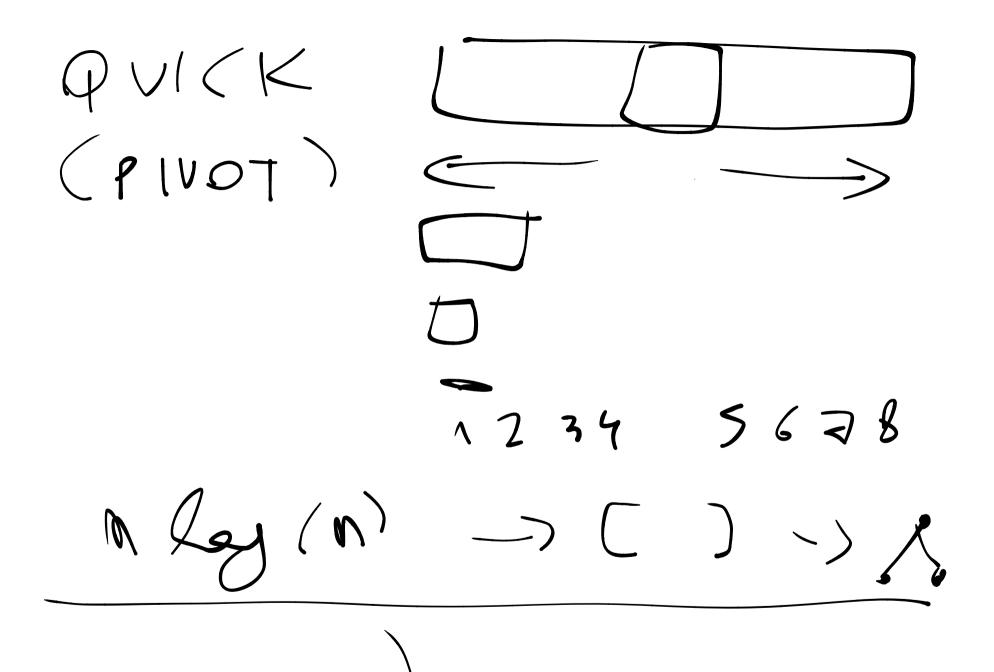
-) INSISTION -) /NOUZIONS (CORROSTISZZ) FUNZ/OMS DIVIDS 57 MP ORA

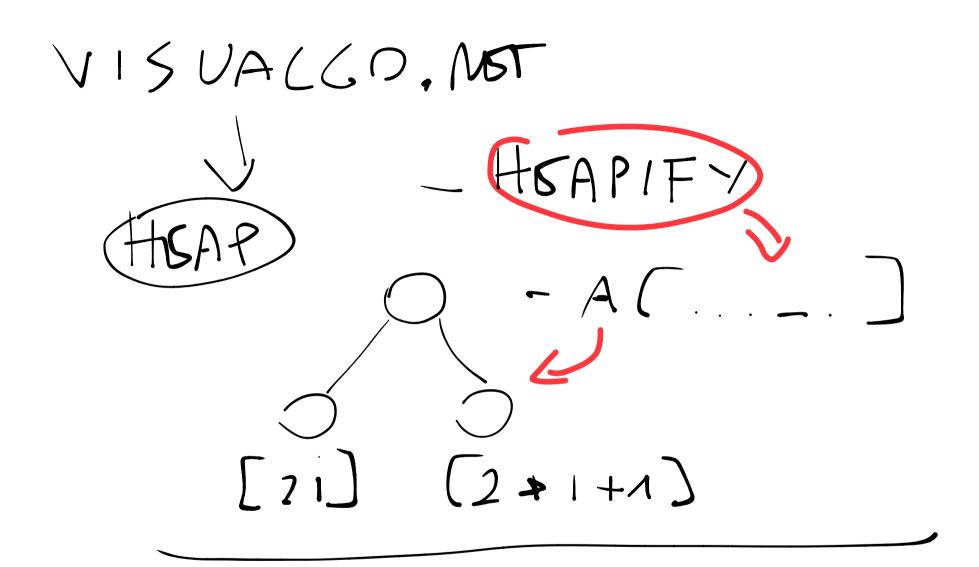




3,7,2,10,8 PM5M(nw)

1

(3,7,2,1),8 · 7



M leg M -> HEAP -> 0 M/eg (M) -> 1 -> >0 M)

15 MAX HEAP (A) > N = A, (BNGTH/ | BAPS125(A) WHILE (I < N) (OR) FIGLIO & PAROME A[I] & A[1/2]

 $L = A(21) \Rightarrow IF(A(1))$ $R = A(21) + 1 \leq A(1/2)$ AM $A(21) \leq A(3)$

f1F(A(1) > 2 × 1...) BLSE BRROR ("NOT MAX HEAP") 25TURN FRISS (BRUSAK) 257VRW (455)

CORREST,

$$\uparrow$$
 2 PARDUS

 $P = PARSM \rightarrow 1+1$
 $A = 1/2$
 $P = PARSM \rightarrow 1+1$
 $P = PARSM \rightarrow 1+$

$$(M/2) (M/2) \left(\frac{M}{2}\right)$$

DIVIDS 5T IMPSRA (P \le R)

PINOT (CBMMO) CASO BASB -> P = Z R (WIZI) ==

2 (HIAMATE (SOLITE) 10 MATE)

> PRIMA > FUN (A, P, 9)

> DOPO > FUN (A, 9+1, P)

2° MATE

2° MATE

A(1...m) > CRBSCBMB

Vi EIN > MNOT

A(i) > i (Compo)

(CASO MIGUONI) $(A[q] = Q) \rightarrow PIWOT$ $(A(Q) < Q) \rightarrow MINONS$ $-(Q+1,R) \bigcirc -$ - (P,Q-1) (g $(12)^{3/2}$ $(4)^{2}$ (

O(m) < O(M les M)

1 T(m/2) + 2 mpusxiry M/2 Q M/2 MARRA/ -> 5/36 (M) $T\left(\frac{M}{2}\right) + T\left(\frac{M}{2}\right) = 2T\left(\frac{M}{2}\right)$ MASTOR = PRICORRENZA]
THOOLEM

 $Leg(m) \longrightarrow 27 \left(\frac{m}{2}\right) + (2)$ $C \ge 2$