

ESERCIZIO 3

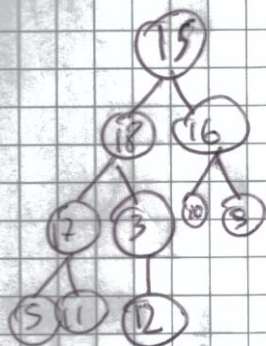
$A = [15, 18, 16, 17, 3, 10, 9, 5, 11, 12]$

HEAP-SIZE $[A] = 10$

1° PASSO

MIN-HEAPIFY $(A, 5)$

$l \leftarrow 10$ $r \leftarrow \text{non esiste}$

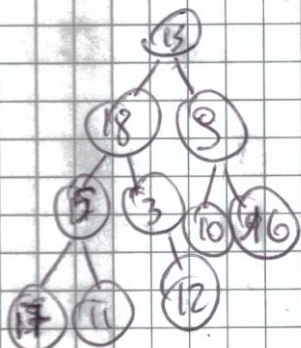


3° PASSO

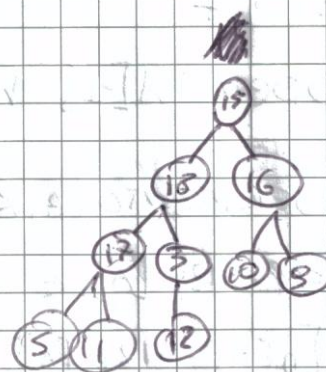
MIN-HEAPIFY $(A, 3)$

$l \leftarrow 6$ $r \leftarrow 7$

SCAMBIO $A[3]$ con $A[7]$



MIN-HEAPIFY $(A, 7)$

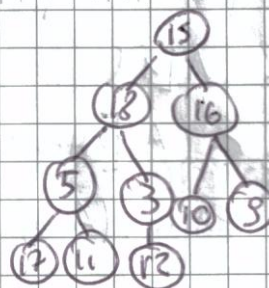


2° PASSO

MIN-HEAPIFY $(A, 4)$

$l \leftarrow 8$ $r \leftarrow 8$

SCAMBIO $A[4]$ con $A[8]$



MIN-HEAPIFY $(A, 8)$

NON SUCCESSO NESSUNA
ARRIVARE

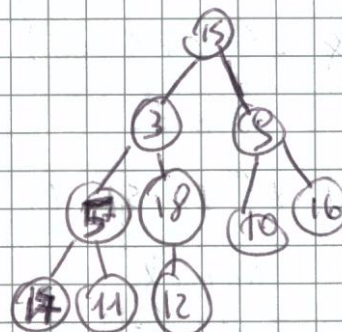
CAVIBBANTI

4° PASSO

MIN-HEAPIFY $(A, 2)$

$l \leftarrow 4$ $r \leftarrow 5$

SCAMBIO $A[2]$ con $A[5]$



MIN-HEAPIFY $(A, 5)$

$l \leftarrow 10$

SCAMBIO $A[5]$ con $A[10]$

