

Code con priorità

martedì 7 giugno 2022

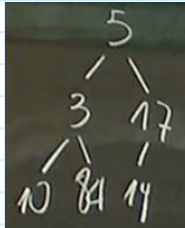
16:42

- $\text{Max}(H) \rightarrow O(1)$
- $\text{ExtractMax}(H) \rightarrow O(\ln n)$
Prendi il massimo e togliilo \rightarrow Scambio radice con ultimo, decremento size e faccio heapify
- $\text{Insert}(H, k)$
Inserisco il valore

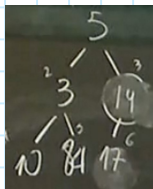
Dato: [5, 3, 17, 10, 84, 19]

Simulare heasort

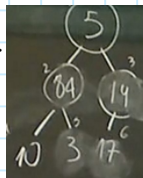
Albero binario:



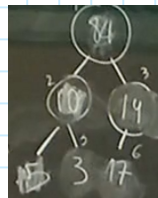
Buildheap:



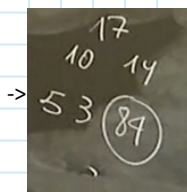
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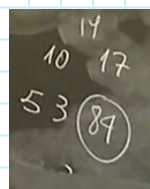
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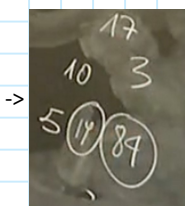
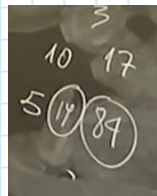
Heapsort:



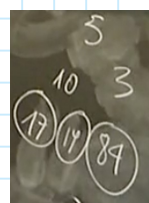
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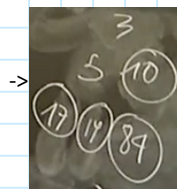
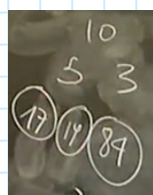
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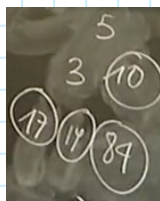
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