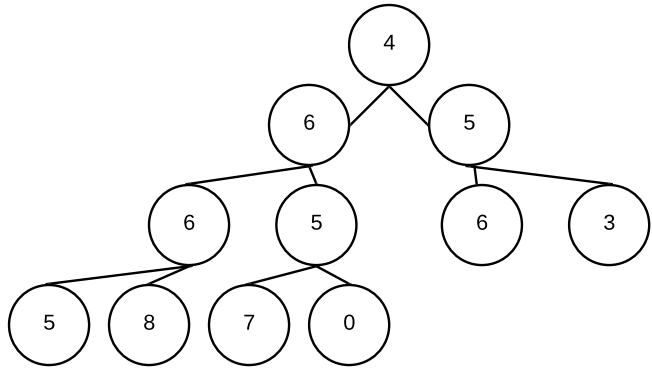


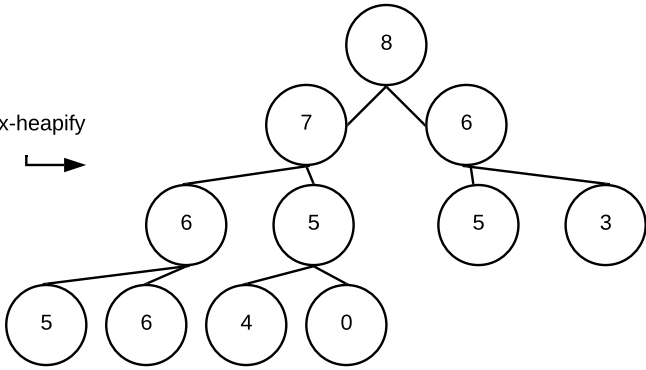
4	6	5	6	5	6	3	5	8	7	0
---	---	---	---	---	---	---	---	---	---	---

heap menor

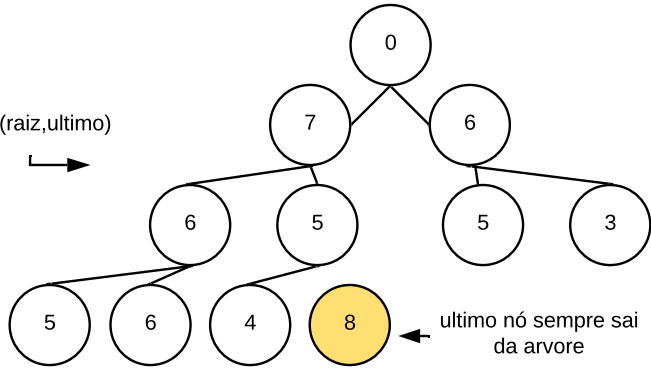
0	7	6	6	5	5	3	5	6	4	8
---	---	---	---	---	---	---	---	---	---	---



max-heapify



swap(raiz,ultimo)



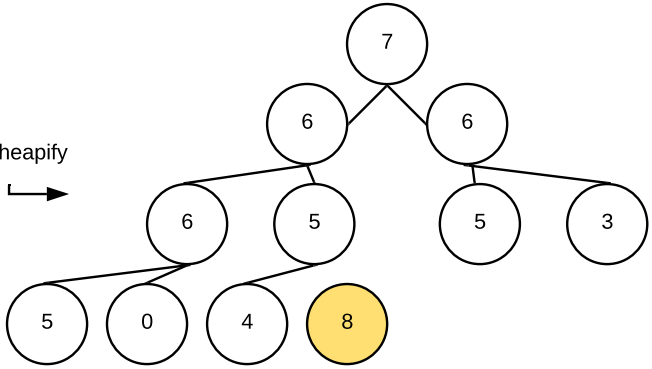
ultimo nó sempre sai da árvore

7	6	6	6	5	5	3	5	0	4	8
---	---	---	---	---	---	---	---	---	---	---

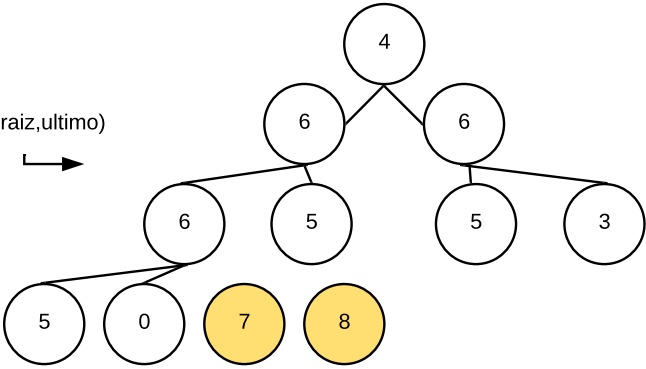
heap menor

6	6	6	5	5	5	3	4	0	7	8
---	---	---	---	---	---	---	---	---	---	---

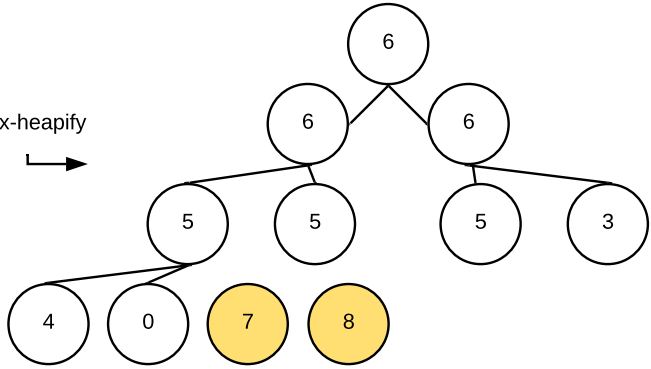
max-heapify



swap(raiz,ultimo)



max-heapify

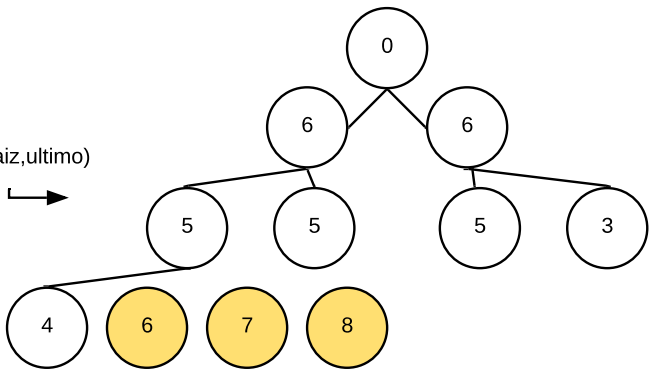


6	6	6	5	5	5	3	4	0	7	8
---	---	---	---	---	---	---	---	---	---	---

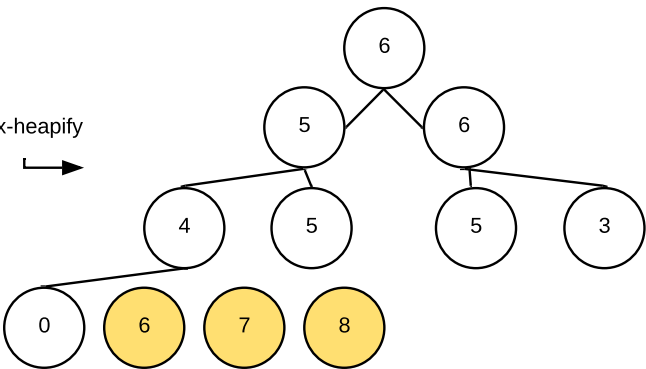
heap menor

6	5	6	4	5	5	3	0	6	7	8
---	---	---	---	---	---	---	---	---	---	---

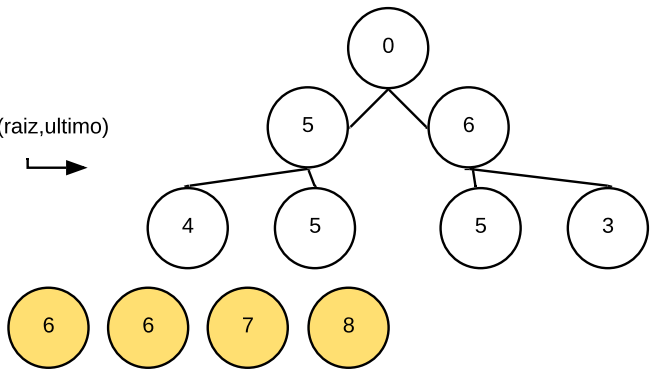
swap(raiz,ultimo)



max-heapify



swap(raiz,ultimo)

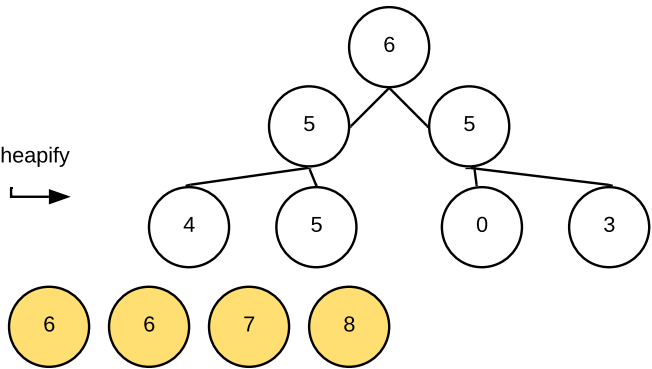


6	5	5	4	5	0	3	6	6	7	8
---	---	---	---	---	---	---	---	---	---	---

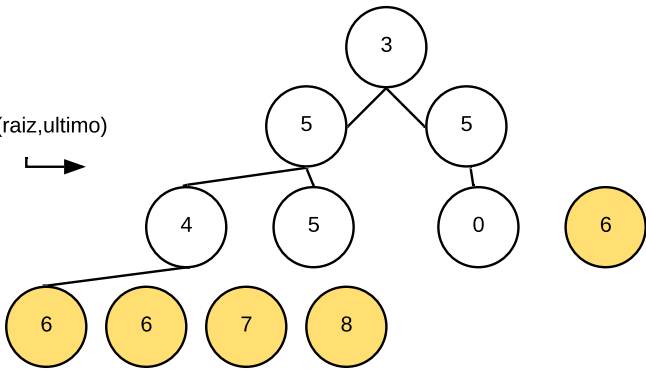
heap menor

5	5	5	4	3	0	6	6	6	7	8
---	---	---	---	---	---	---	---	---	---	---

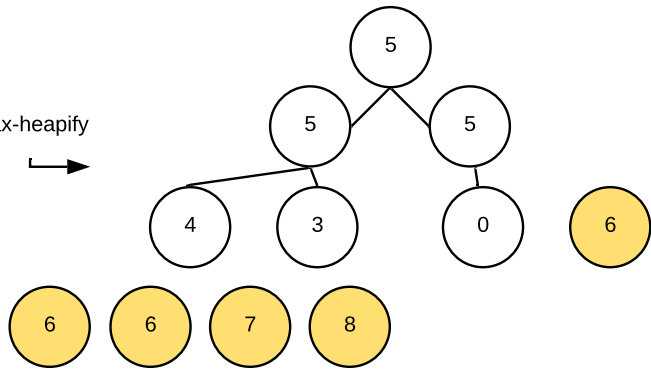
max-heapify



swap(raiz,ultimo)



max-heapify

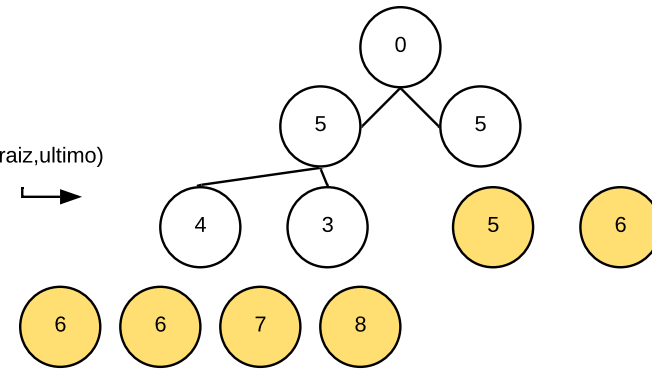


5	5	5	4	3	0	6	6	6	7	8
---	---	---	---	---	---	---	---	---	---	---

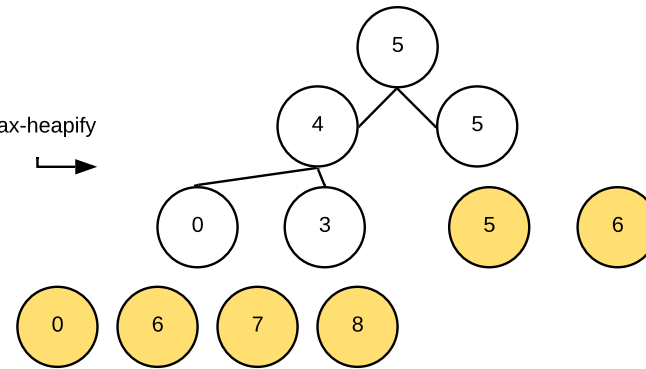
heap menor

5	4	5	0	3	5	6	6	6	7	8
---	---	---	---	---	---	---	---	---	---	---

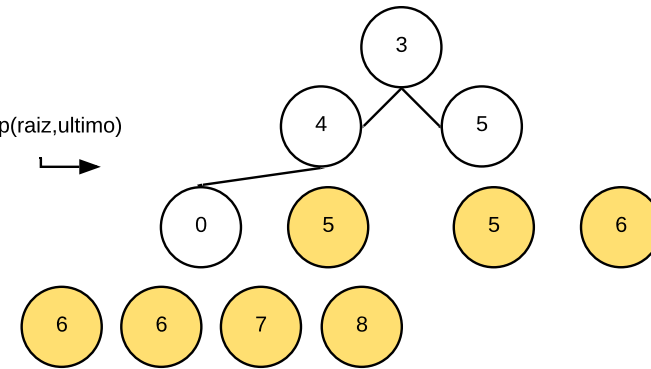
swap(raiz,ultimo)



max-heapify



swap(raiz,ultimo)

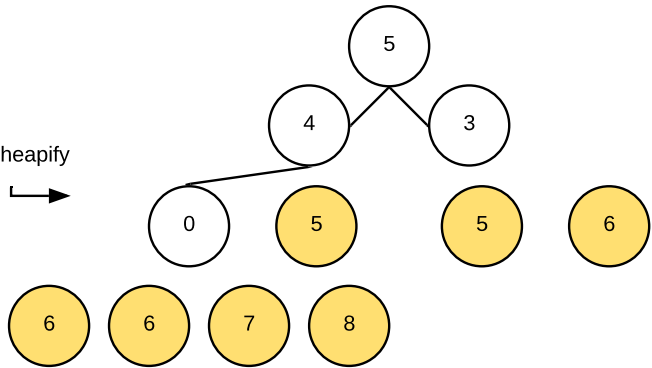


6	5	5	4	5	0	3	6	6	7	8
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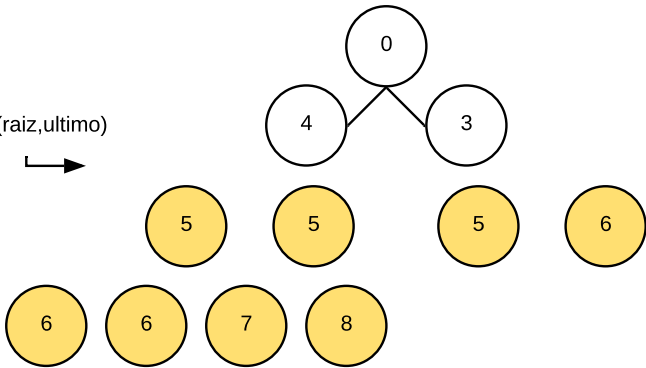
heap menor

4	0	3	5	5	5	6	6	6	7	8
---	---	---	---	---	---	---	---	---	---	---

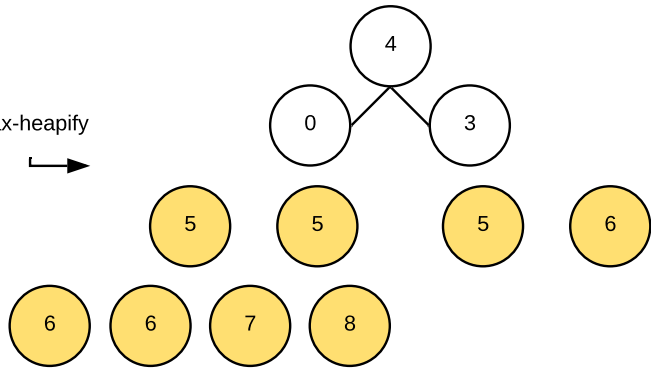
max-heapify



swap(raiz,ultimo)



max-heapify

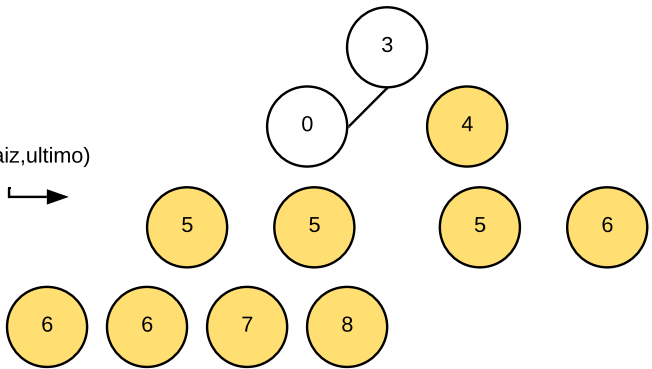


3	0	4	5	5	5	6	6	6	7	8
---	---	---	---	---	---	---	---	---	---	---

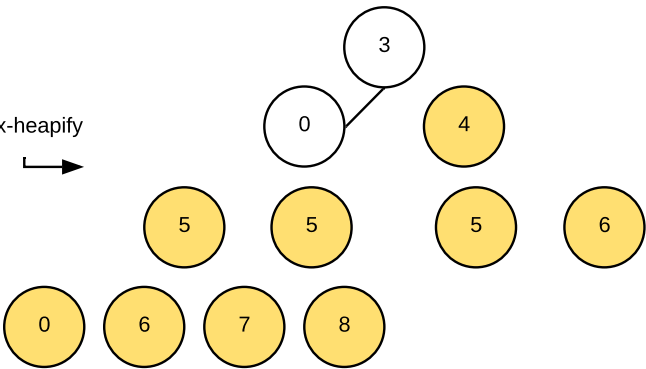
heap menor

0	3	4	5	5	5	6	6	6	7	8
---	---	---	---	---	---	---	---	---	---	---

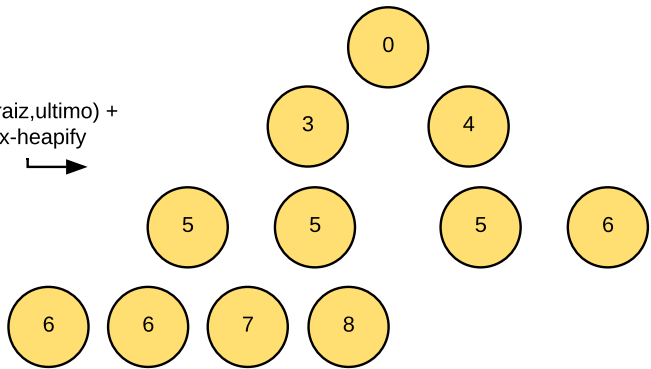
swap(raiz,ultimo)



max-heapify



swap(raiz,ultimo) + max-heapify



4	6	5	6	5	6	3	5	8	7	0
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MAX-BUILD-HEAP

0	3	4	5	5	5	6	6	6	7	8
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