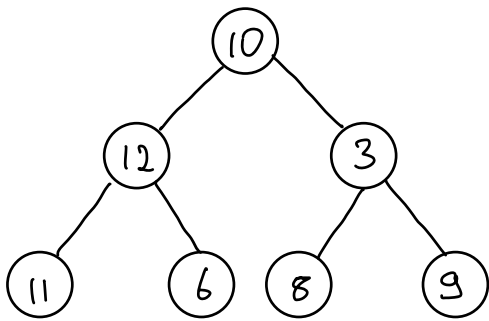
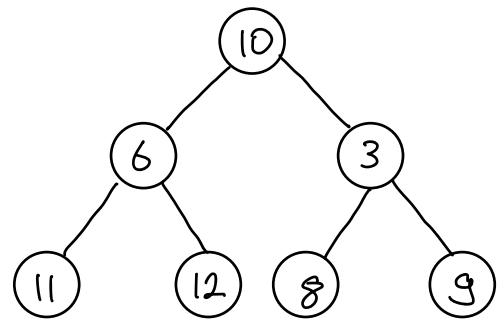


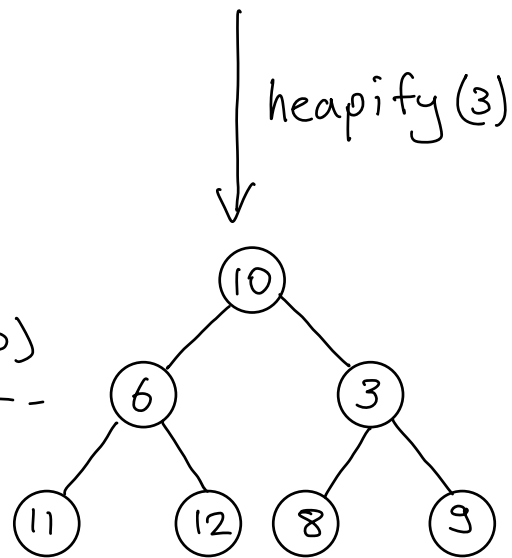
4a) [10, 12, 3, 11, 6, 8, 9]



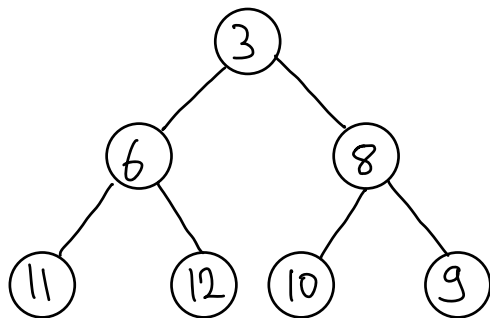
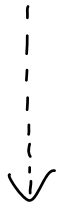
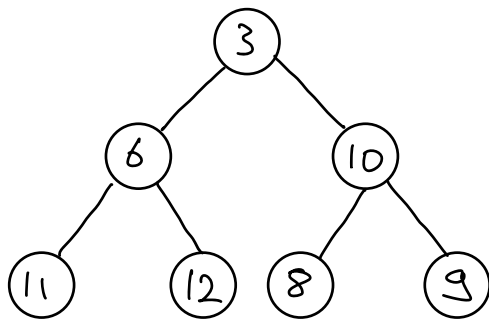
heapify(12)



heapify(3)

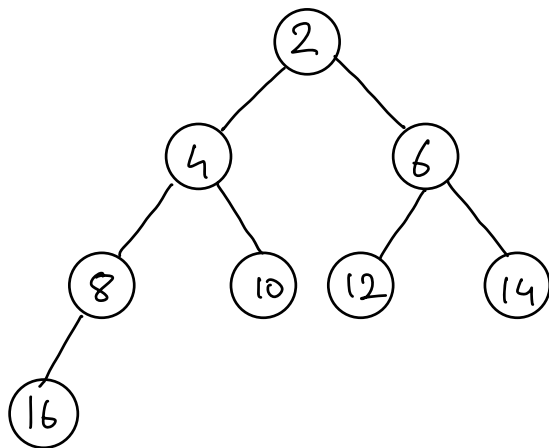


heapify(10)

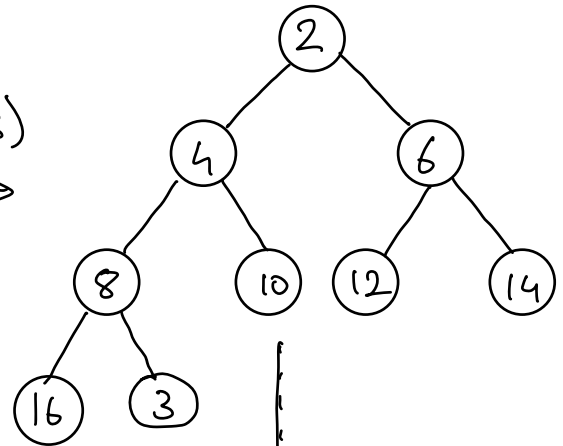


Final result

4b) [2, 4, 6, 8, 10, 12, 14, 16]

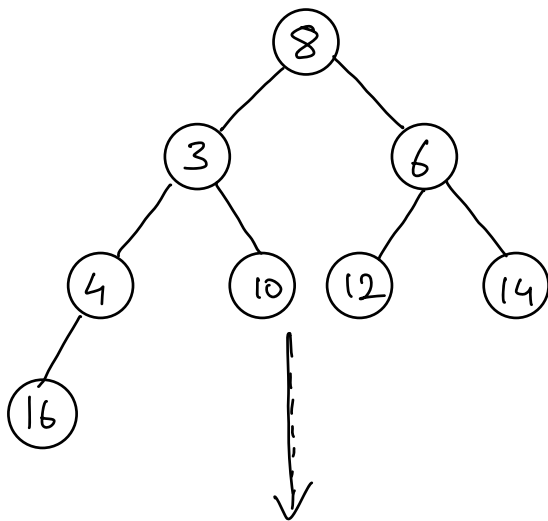


insert(3)
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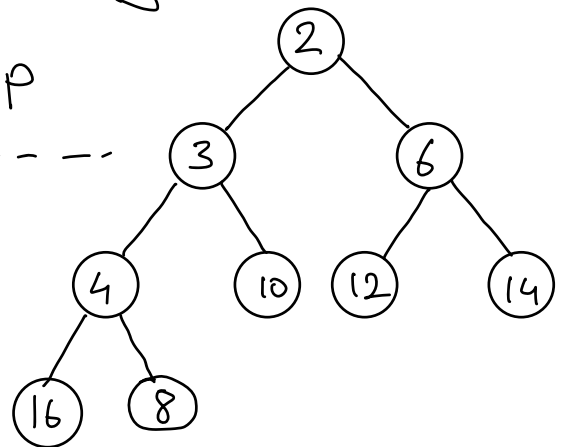


✓

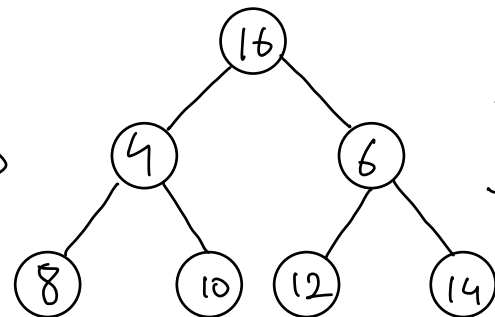
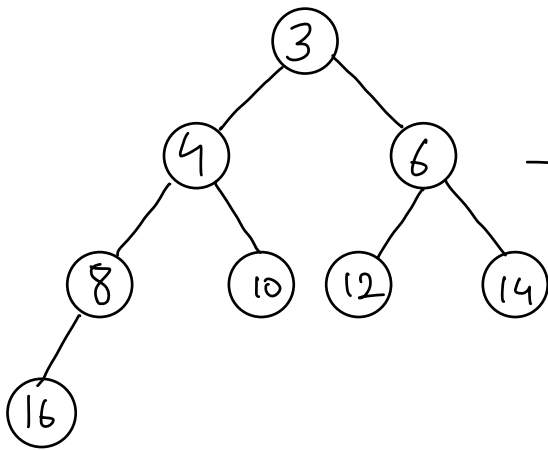
pop
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pop
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TBC
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