

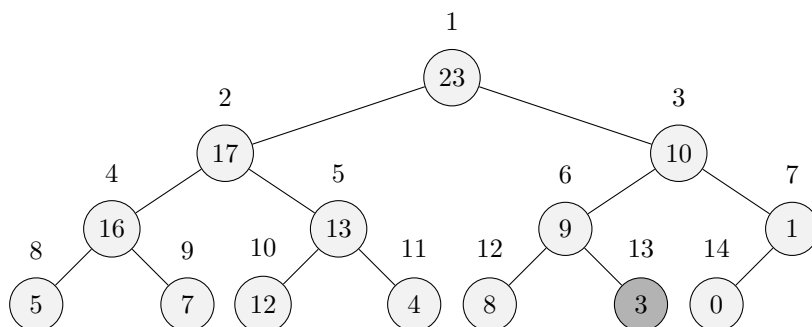
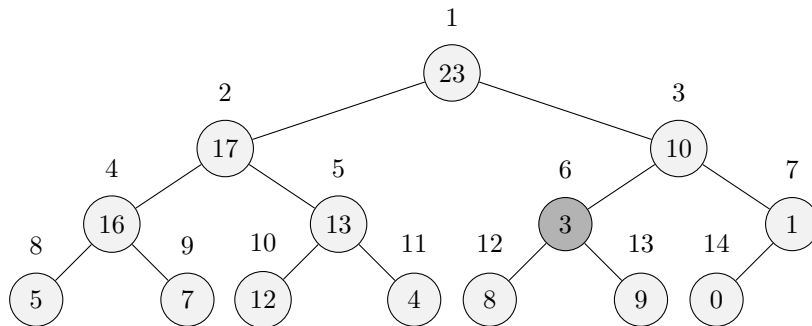
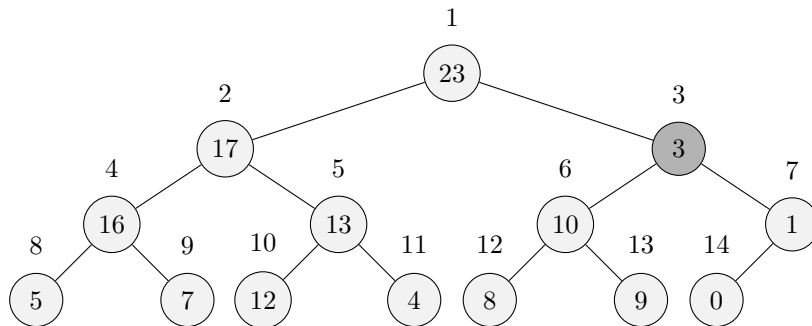
Lista 7

Vinícius Couto Tasso

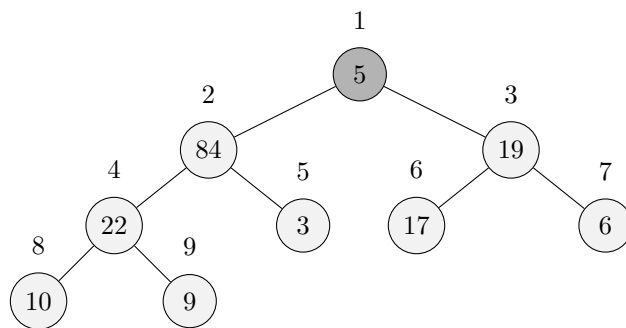
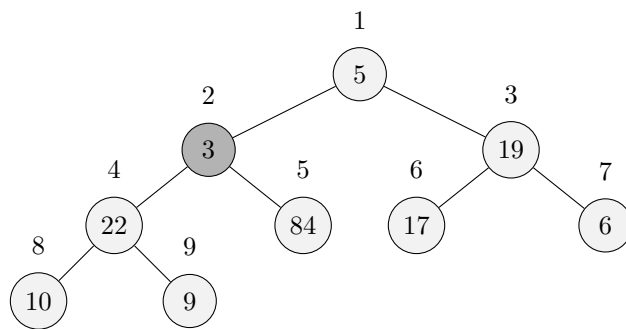
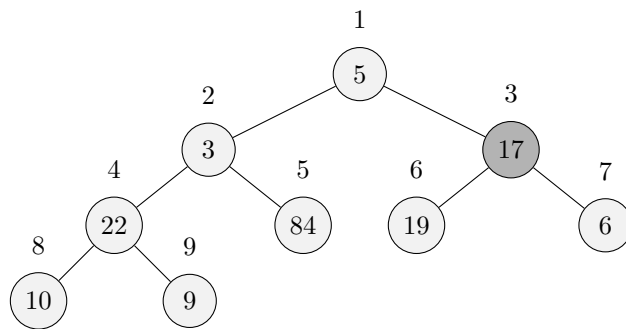
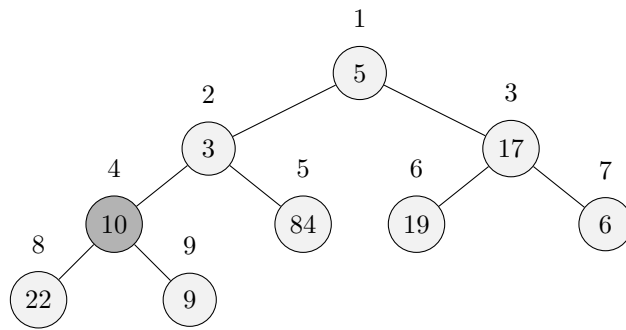
2. A sequência $\langle 23, 17, 14, 6, 13, 10, 1, 5, 7, 12 \rangle$ é um heap máximo?

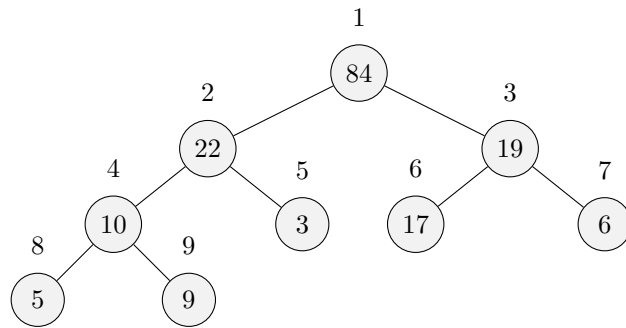
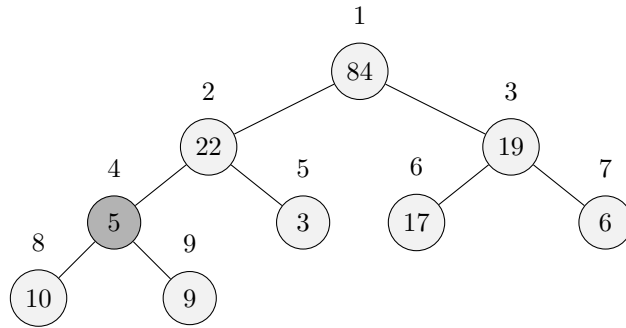
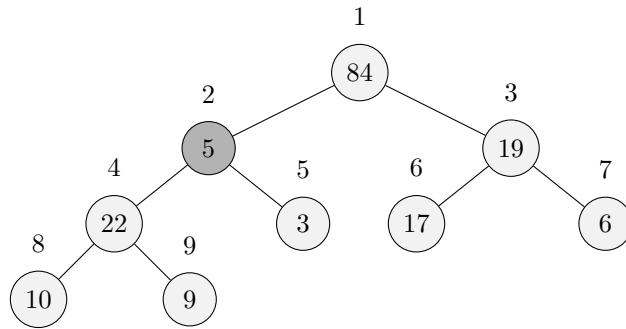
Não, pois o nó de valor 7 é maior que seu pai, de valor 6.

3. Ilustre a operação MAX-HEAPIFY($V, 3$) sobre o arranjo $V = \langle 23, 17, 3, 16, 13, 10, 1, 5, 7, 12, 4, 8, 9, 0 \rangle$.

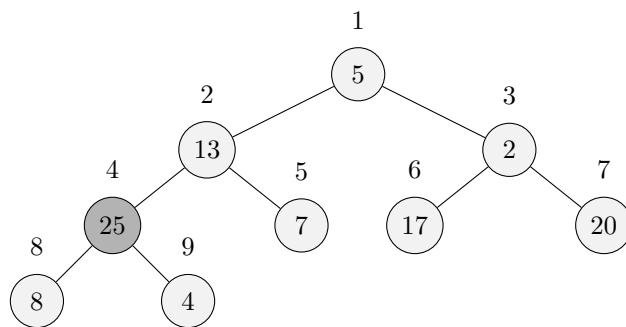


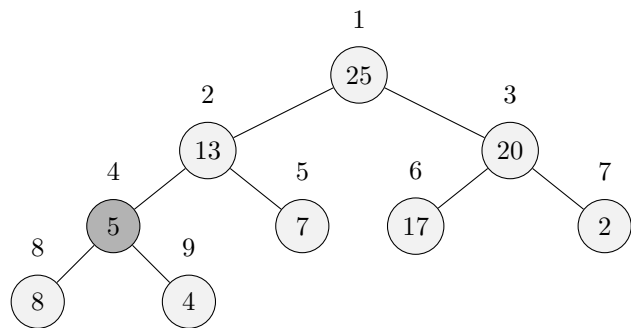
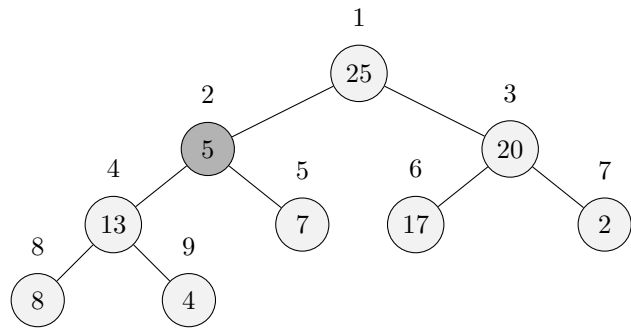
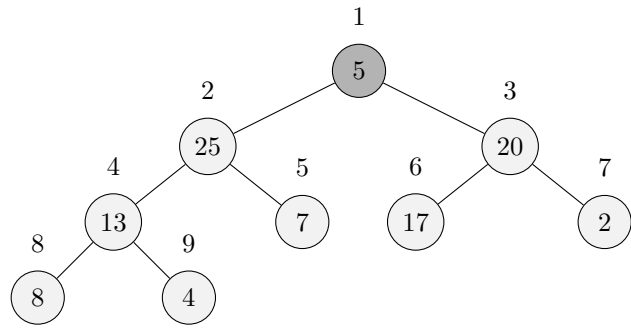
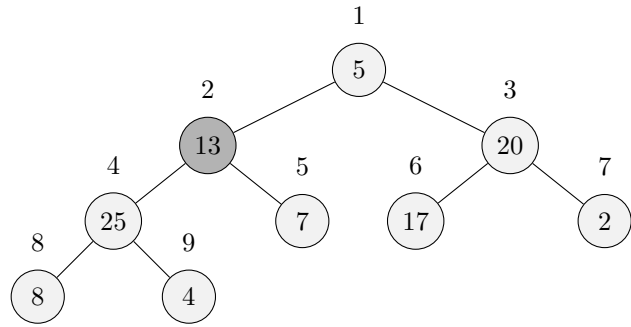
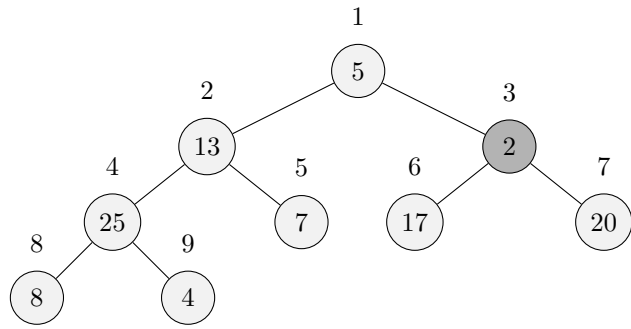
4. Ilustre a operação BUILD-MAX-HEAP sobre o arranjo $V = \langle 5, 3, 17, 10, 84, 19, 6, 22, 9 \rangle$.

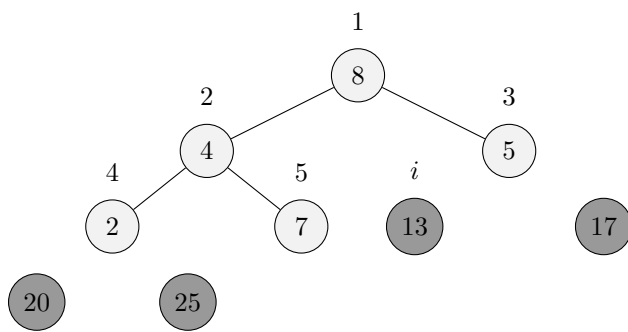
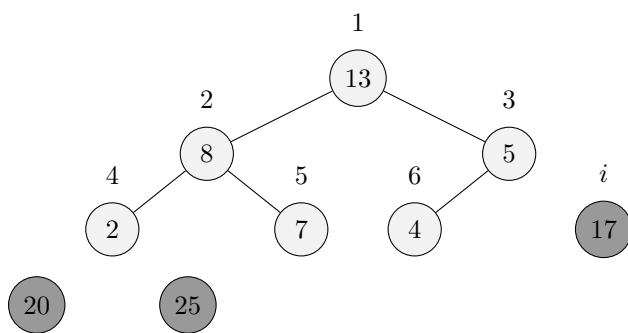
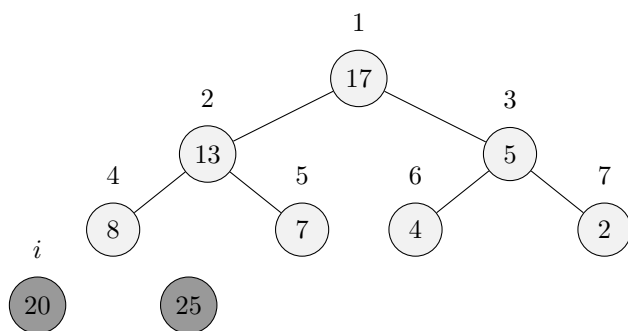
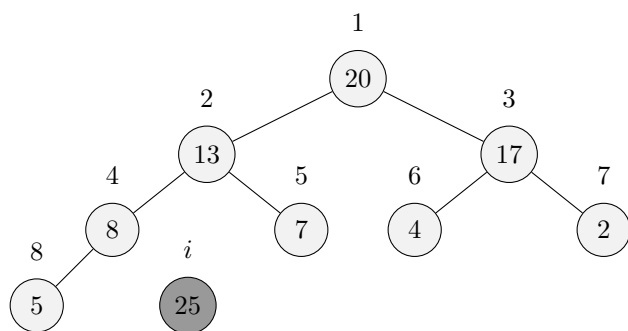
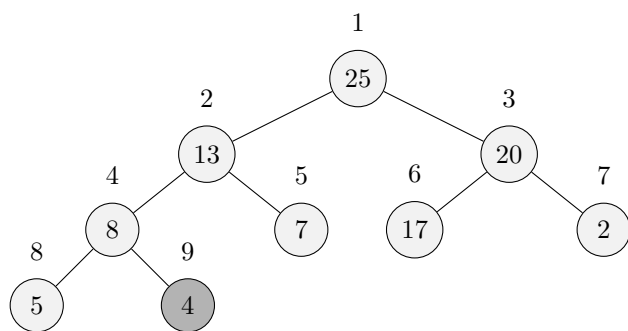


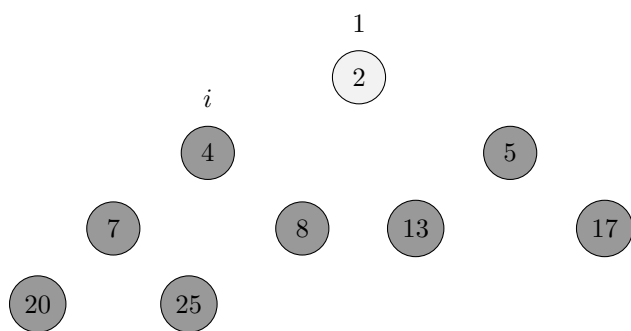
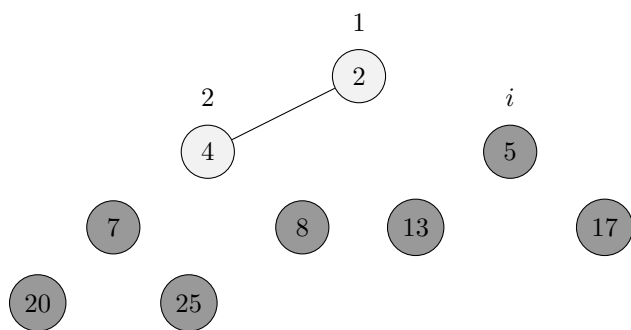
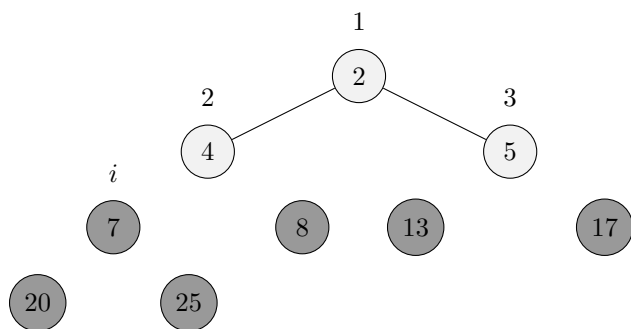
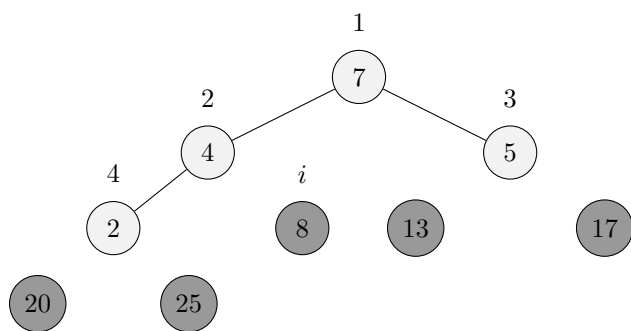


5. Ilustre a operação HEAP-SORT sobre o arranjo $V = \langle 5, 13, 2, 25, 7, 17, 20, 8, 4 \rangle$.









2	4	5	7	8	13	17	20	25
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