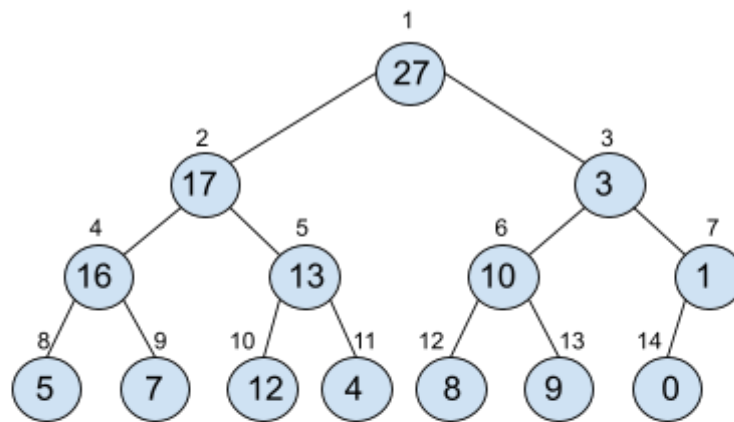
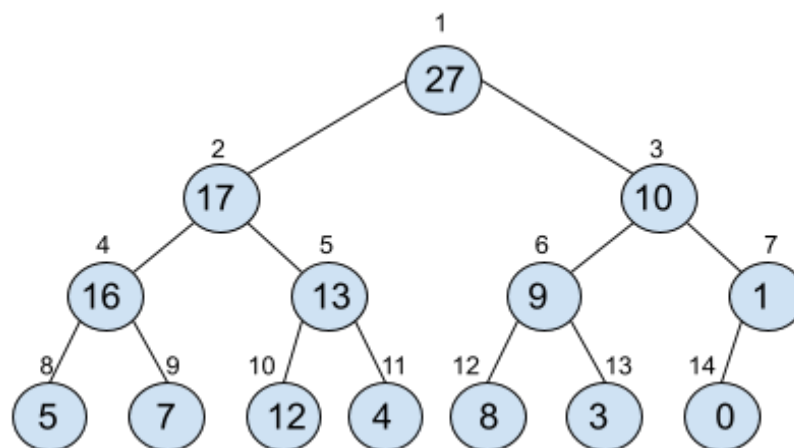
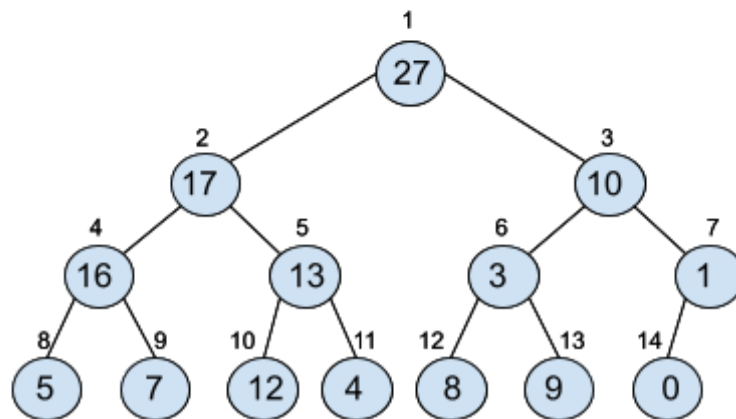


**Anna Caroline de Oliveira Sousa (2190346) - ED2**

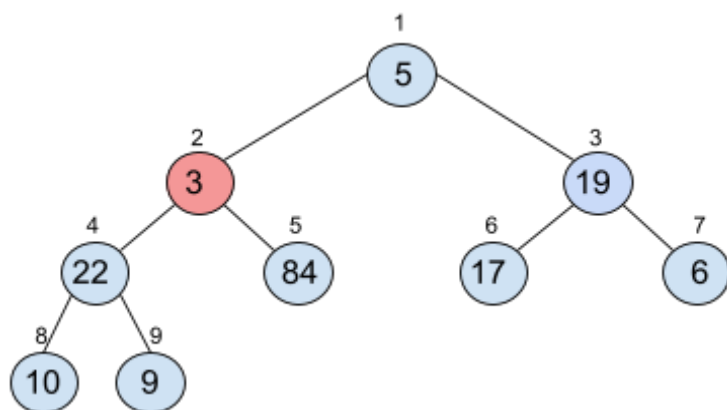
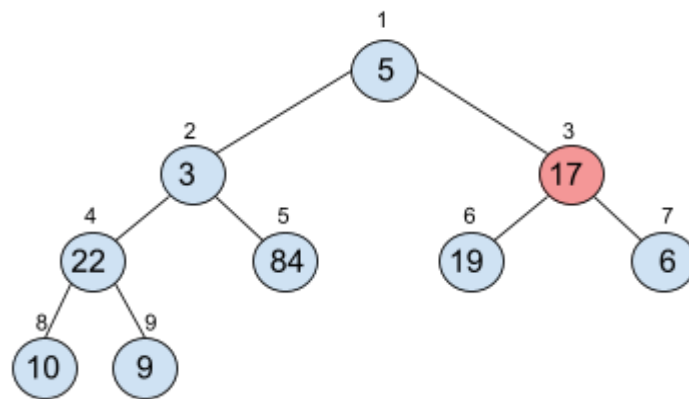
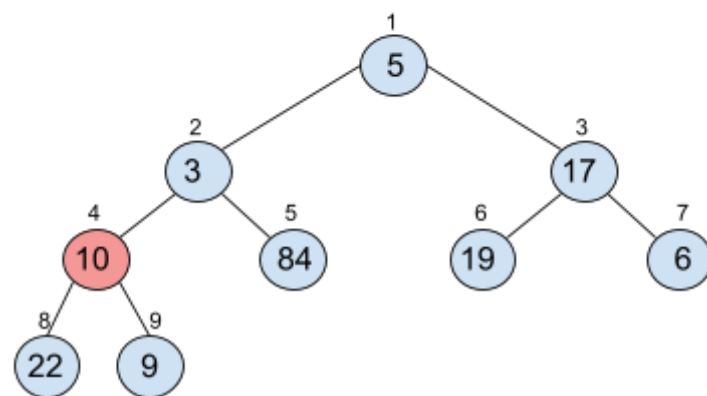
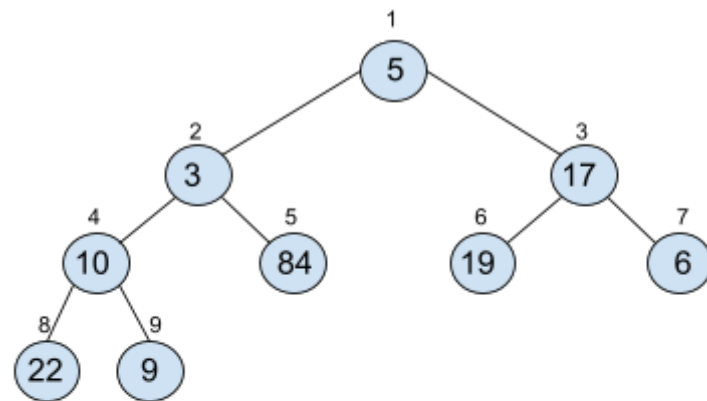
**2)** Simulação da operação  $\text{Max-Heapify}(V,3)$  sobre o arranjo  $V = \{27, 17, 3, 16, 13, 10, 1, 5, 7, 12, 4, 8, 6, 9, 0\}$ .

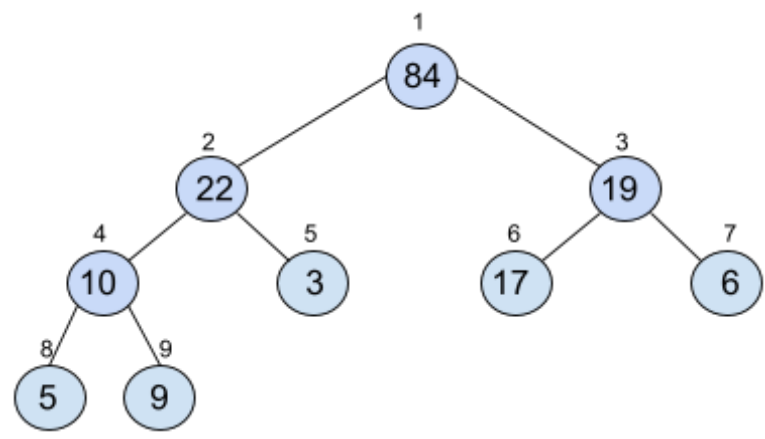
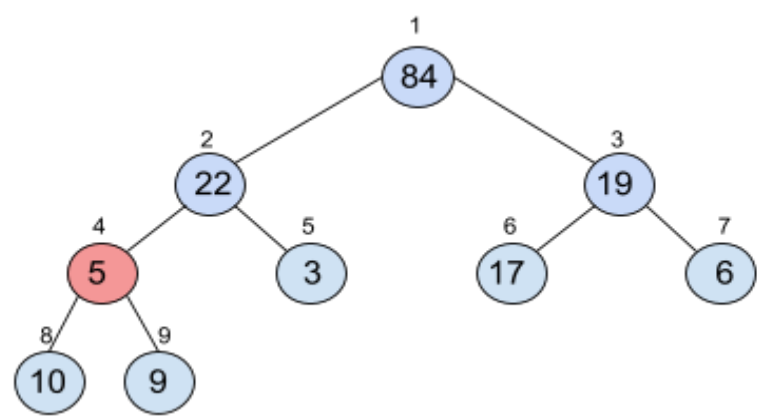
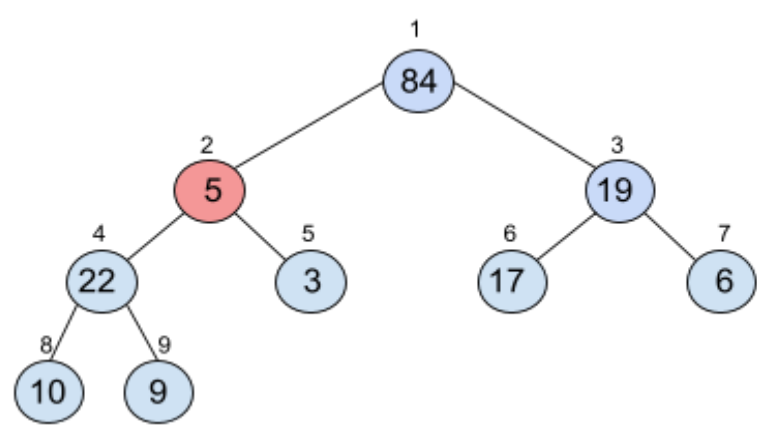
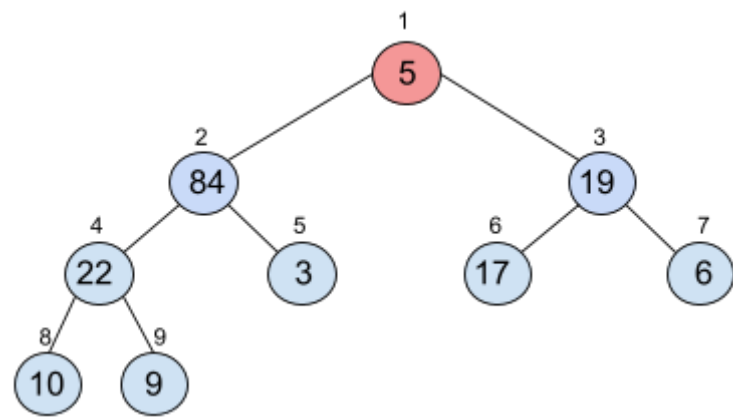


$\text{Max-Heapify}(V,3)$

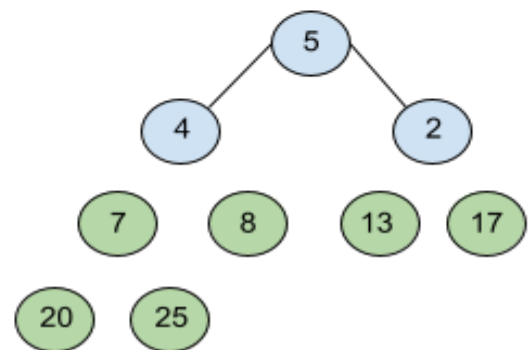
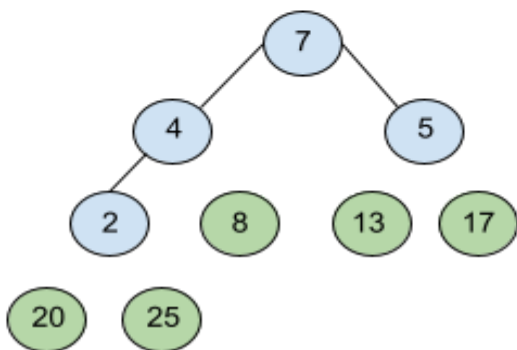
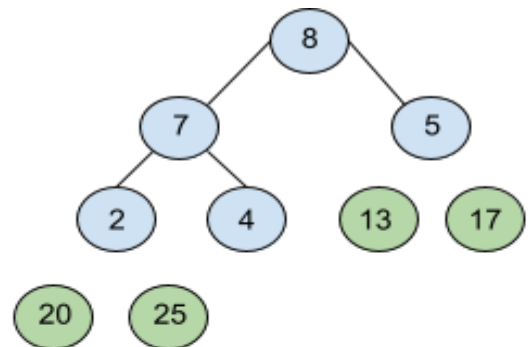
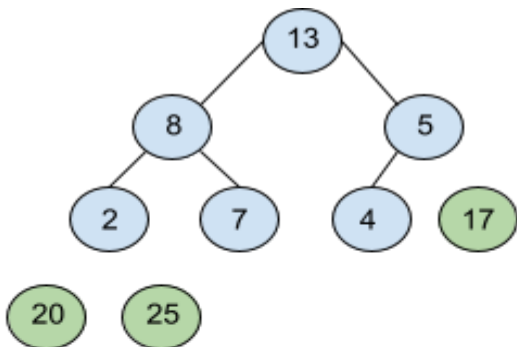
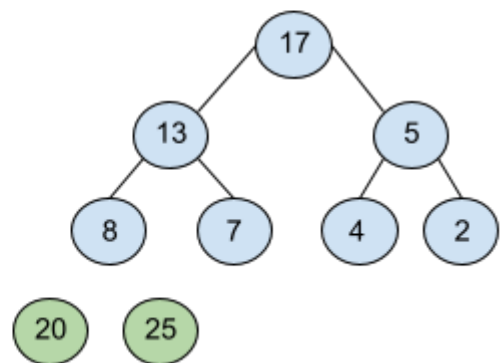
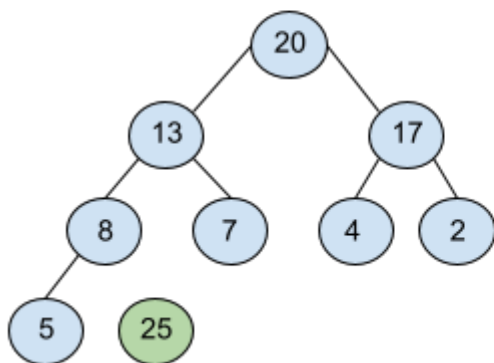
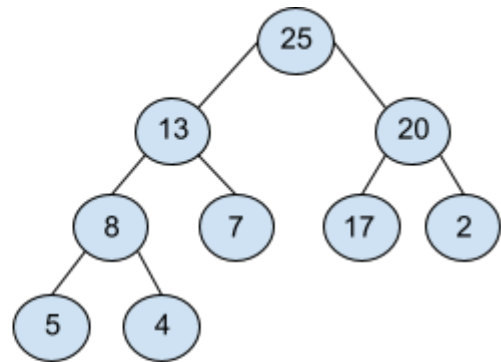
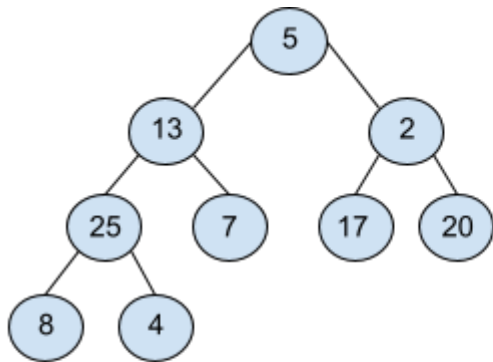


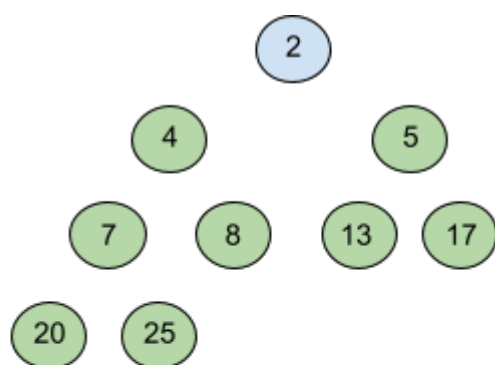
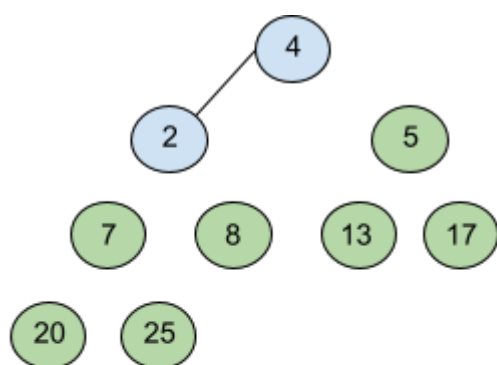
3) Simulação da operação Build-Max-Heap sobre o arranjo  $V = \{5, 3, 17, 10, 84, 19, 6, 22, 9\}$ .





4) Simulação do Heap-Sort sobre o arranjo  $V = \{5, 13, 2, 25, 7, 17, 20, 8, 4\}$ .





A 

2	4	5	7	8	13	17	20	25
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