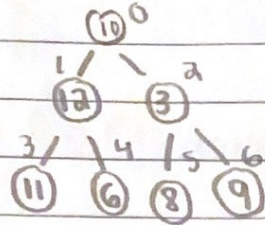
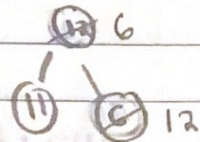


[10, 12, 3, 11, 6, 8, 9]

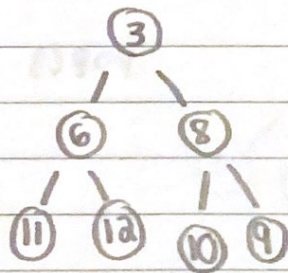
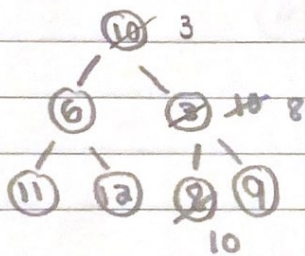


heapify(2) ✓

heapify(1)

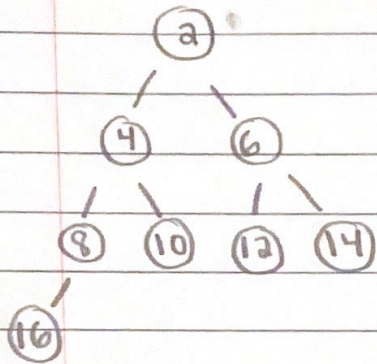


heapify(0)

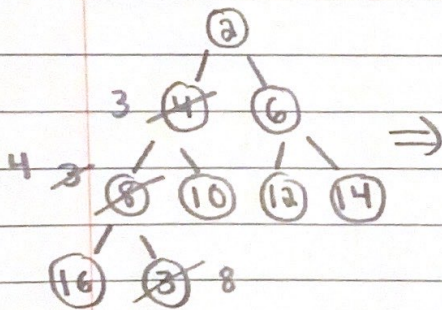


[Handwritten signature]

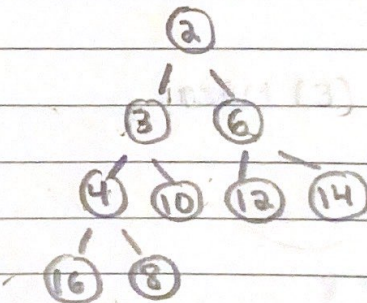
[2, 4, 6, 8, 10, 12, 14, 16]



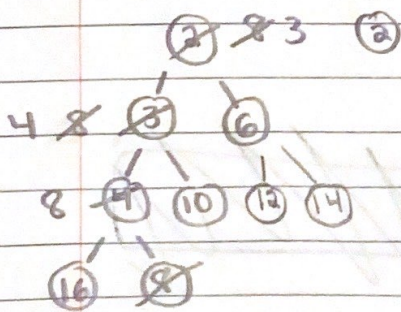
Initial configuration



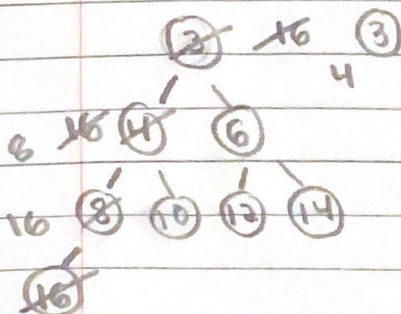
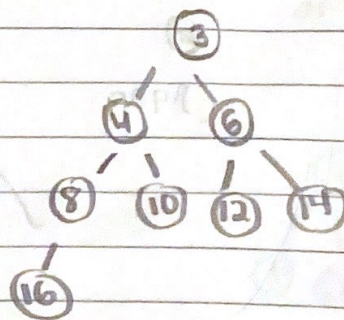
insert (3)



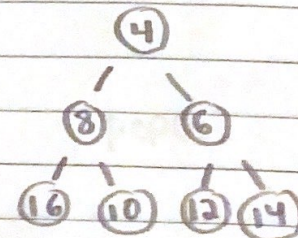
⇓



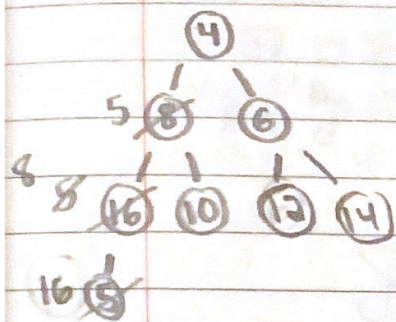
pop()



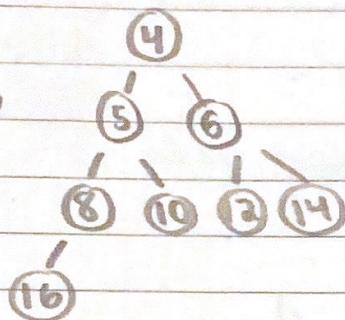
pop()



dynamic
memory



\Rightarrow



insert(5)