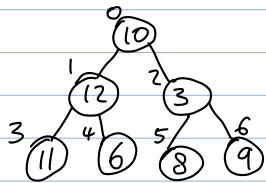
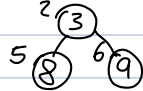


4 a) [10, 12, 3, 11, 6, 8, 9]

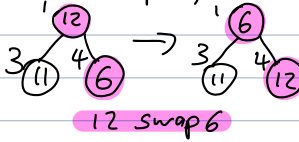


First non-leaf node: 2

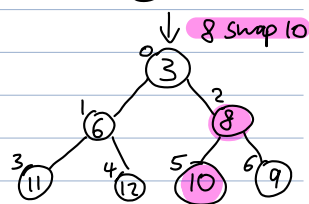
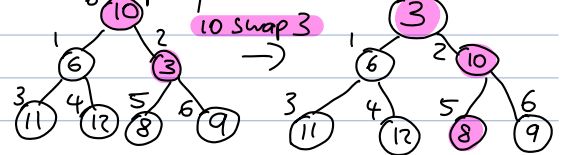
=> Heapify(2)



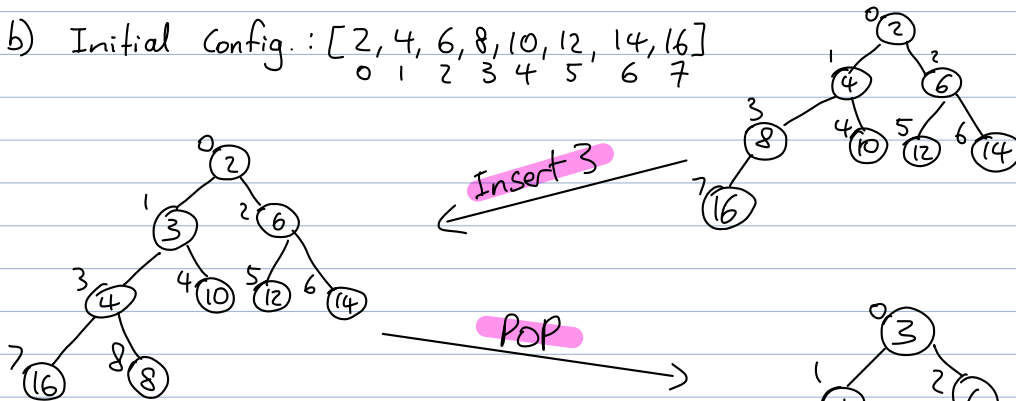
=> Heapify(1)



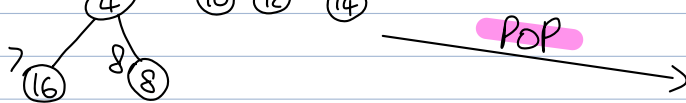
=> Heapify(0)



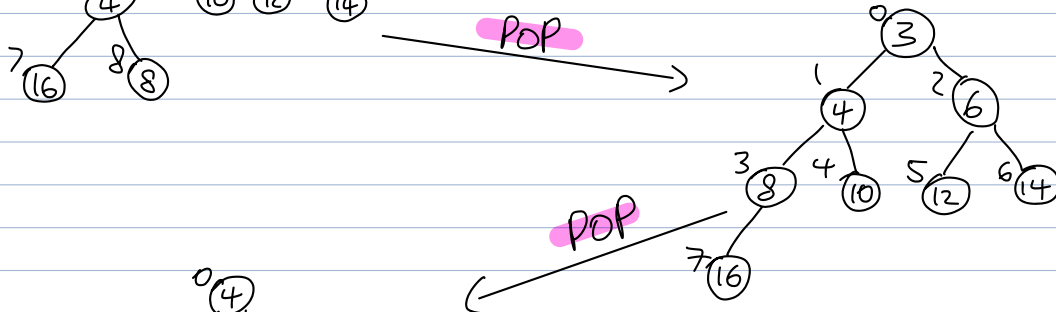
4 b) Initial Config.: [2, 4, 6, 8, 10, 12, 14, 16]



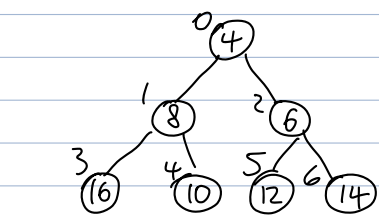
Insert 3



Pop



Pop



Insert 5

