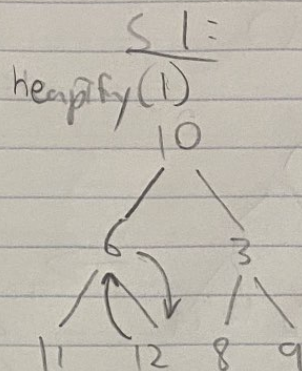
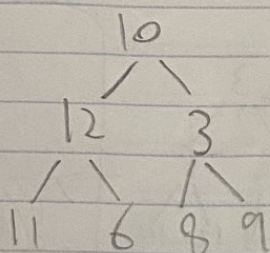
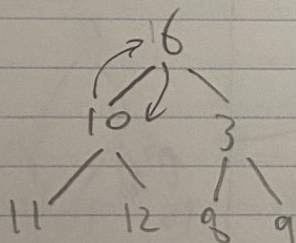


Part 4 - Heaps

4a) S0:

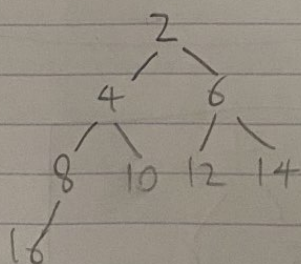


S2:
heapify(0)

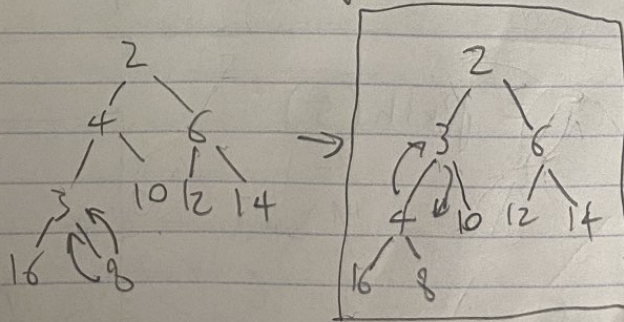


resulting array = [6, 10, 3, 11, 12, 8, 9]

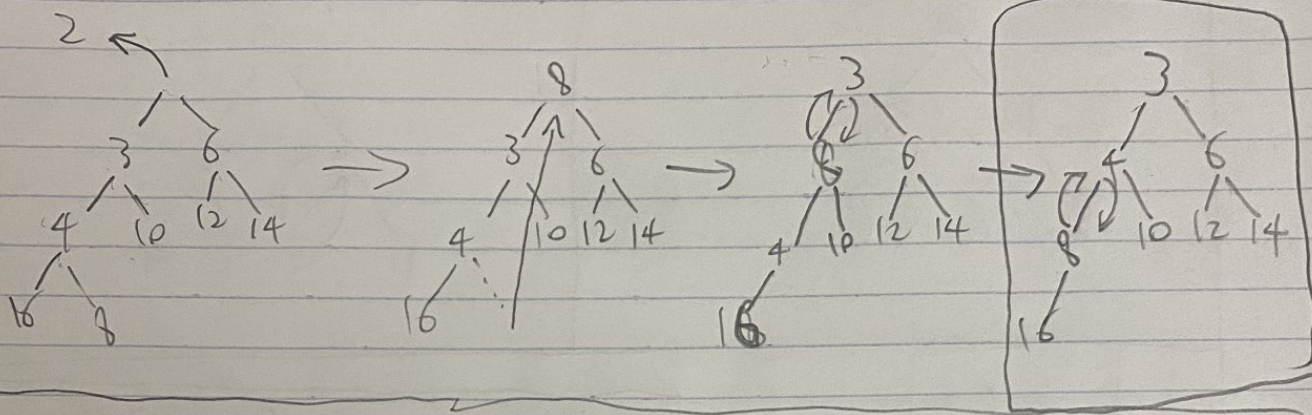
4b) Initial state



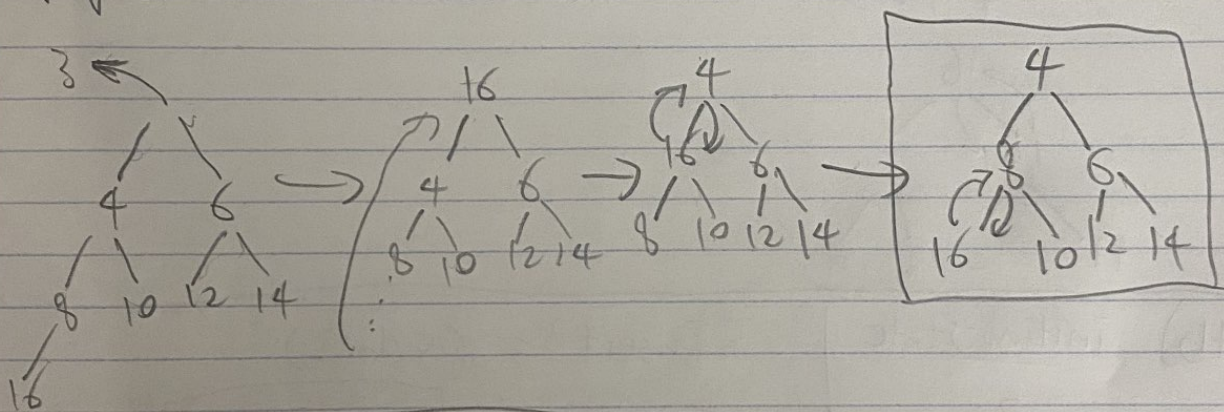
Insert 3 = push(3)



pop()



Pop()



Insert 5 = push(5)

