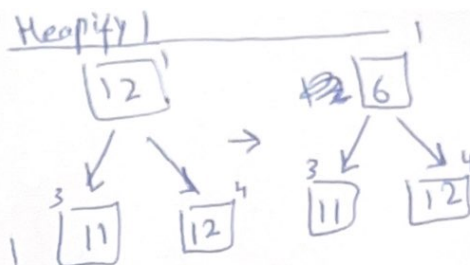
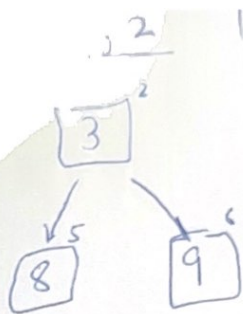
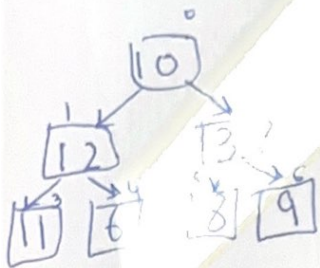
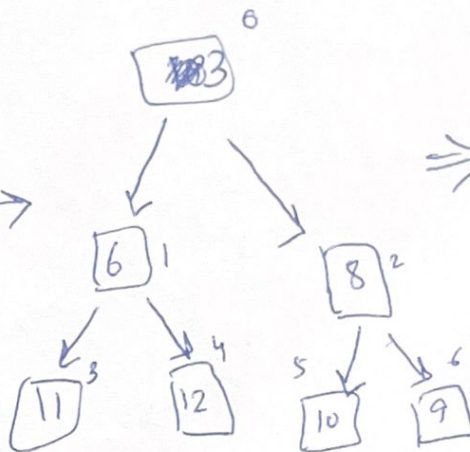
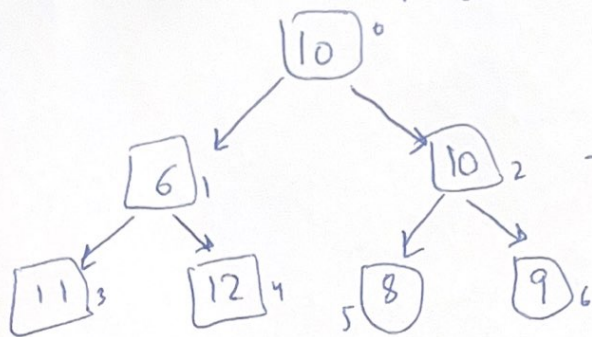


4) a)

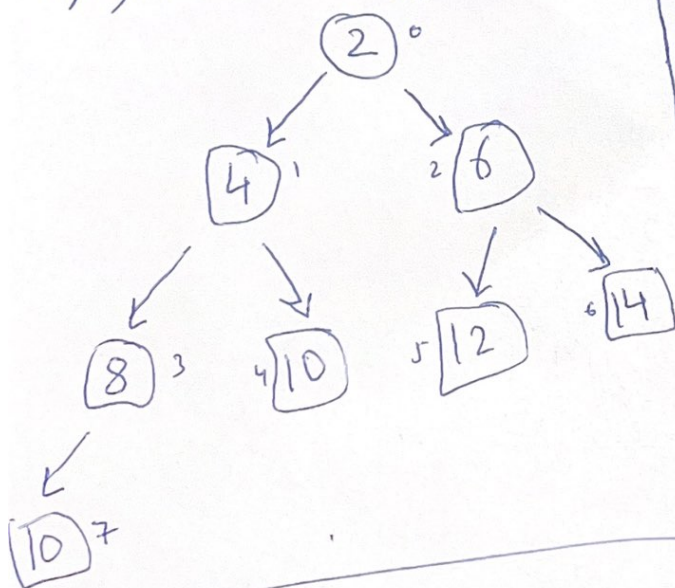


Heapify 0

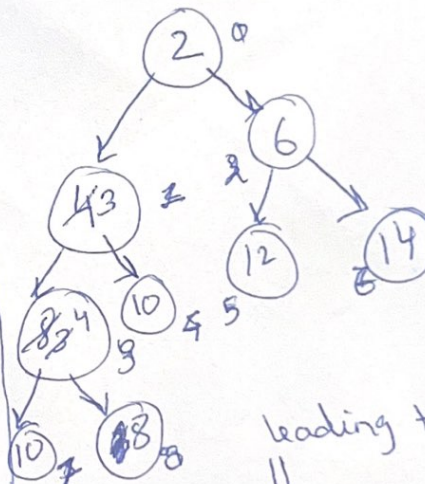


⇒ [3, 6, 8, 11, 12, 10, 9]

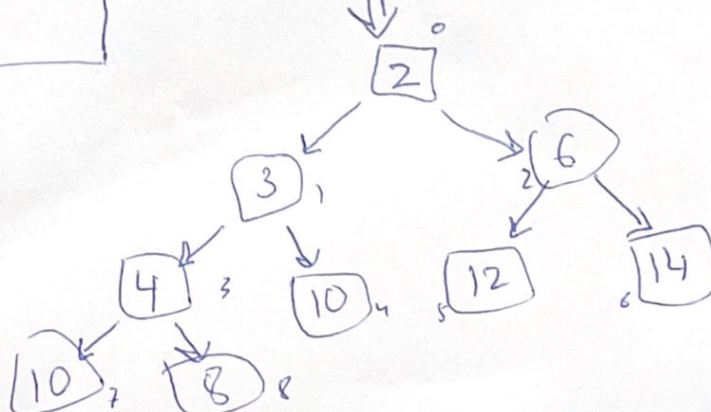
4) b) initial configuration



insert 3

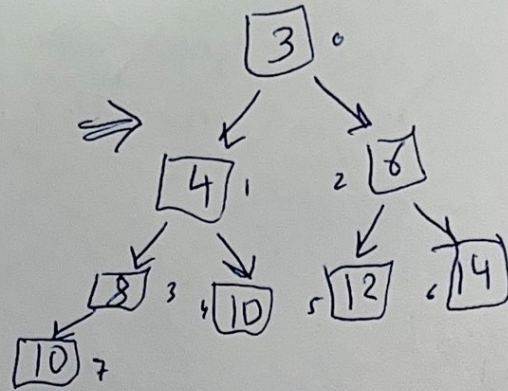
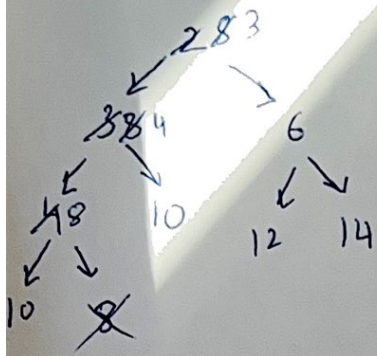


leading to

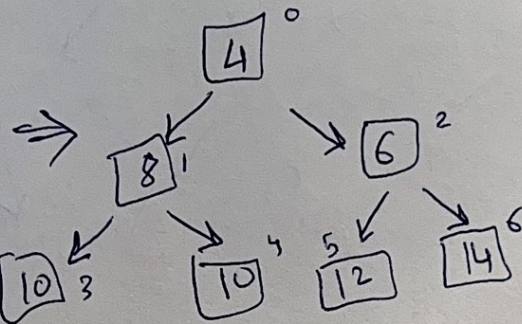
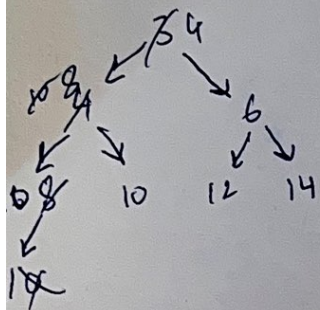




4)b) pop (top element)



pop (top element)



Insert 5

