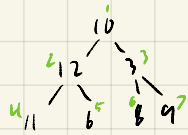


[10, 12, 3, 11, 6, 8, 9]

a.



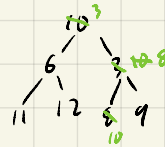
heapify(2)



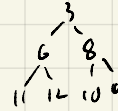
heapify(3)



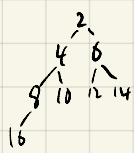
heapify(1)



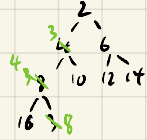
final



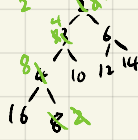
b. [2, 4, 6, 8, 10, 12, 14, 16]



insert(3)



pop



pop



insert(5)

