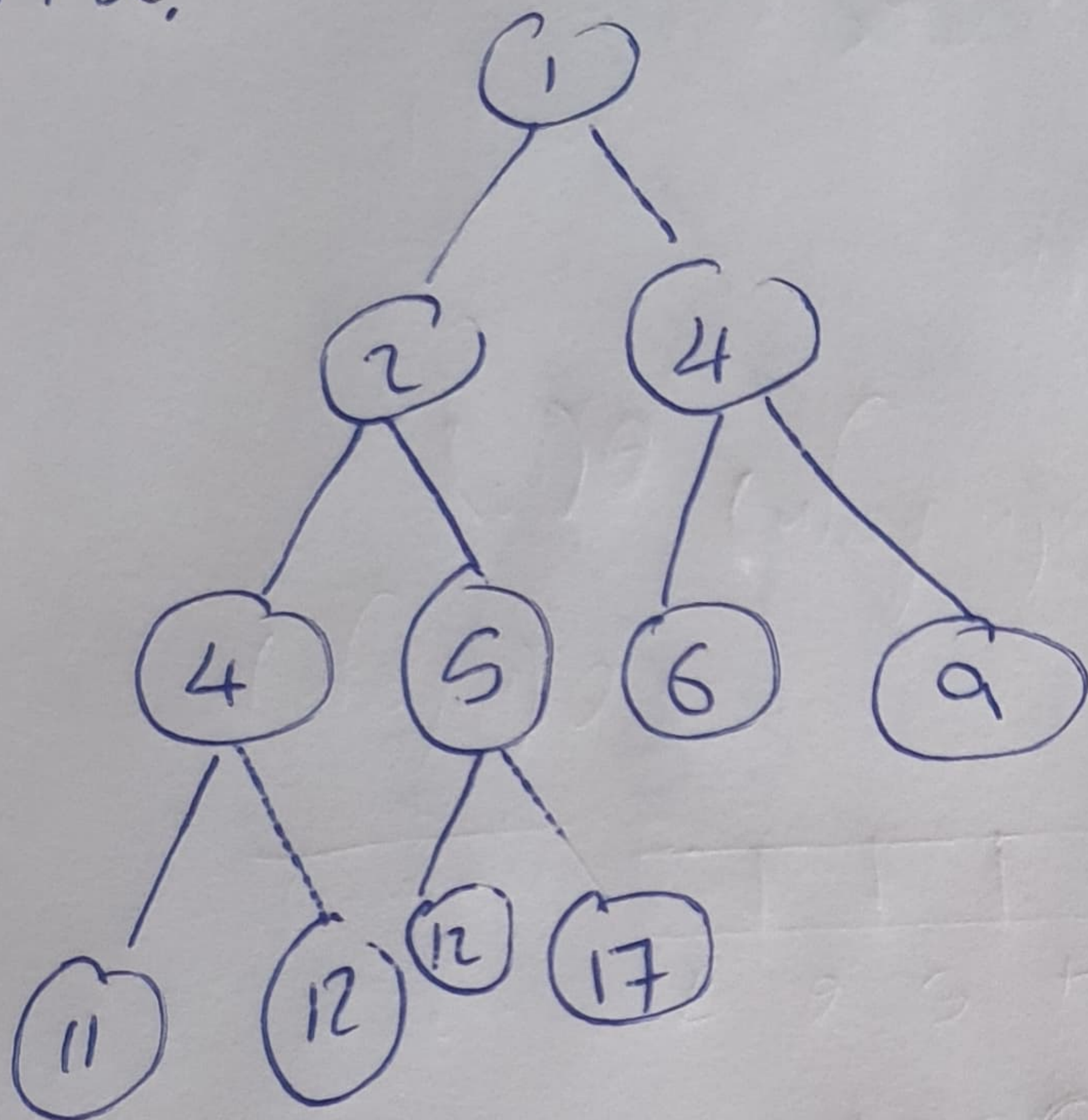


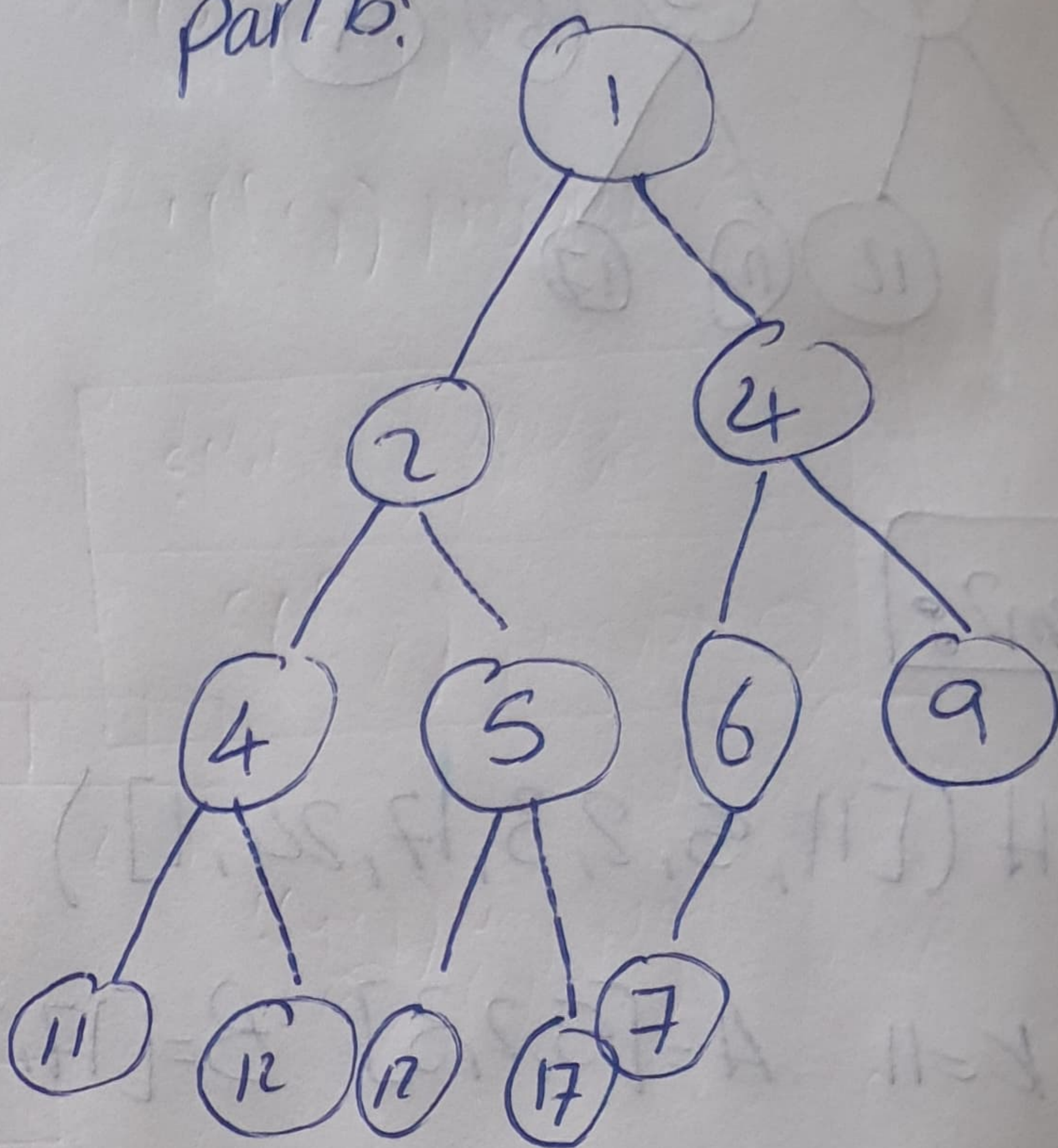
lab 9

problem 1:

part a:

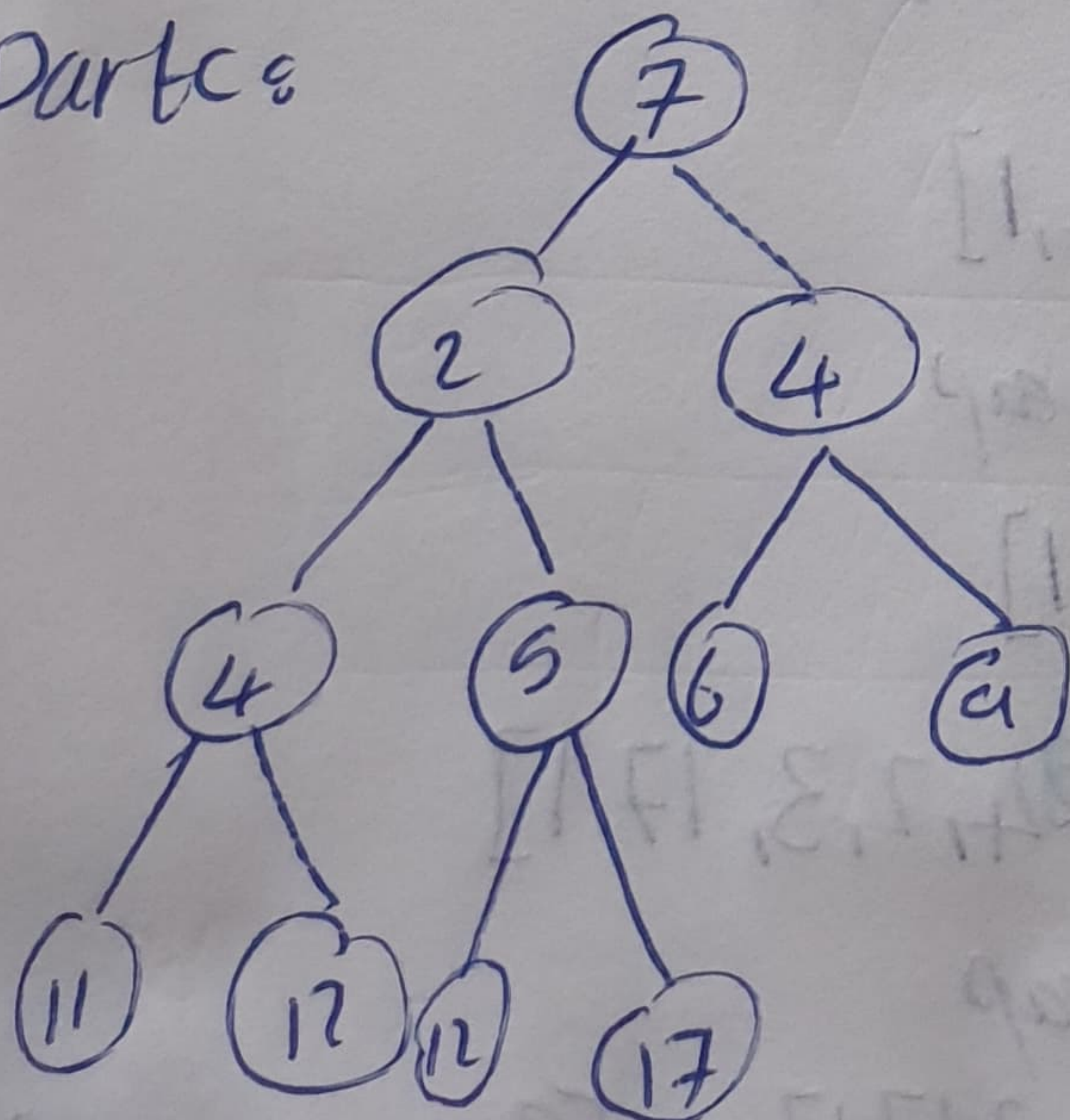


part b:

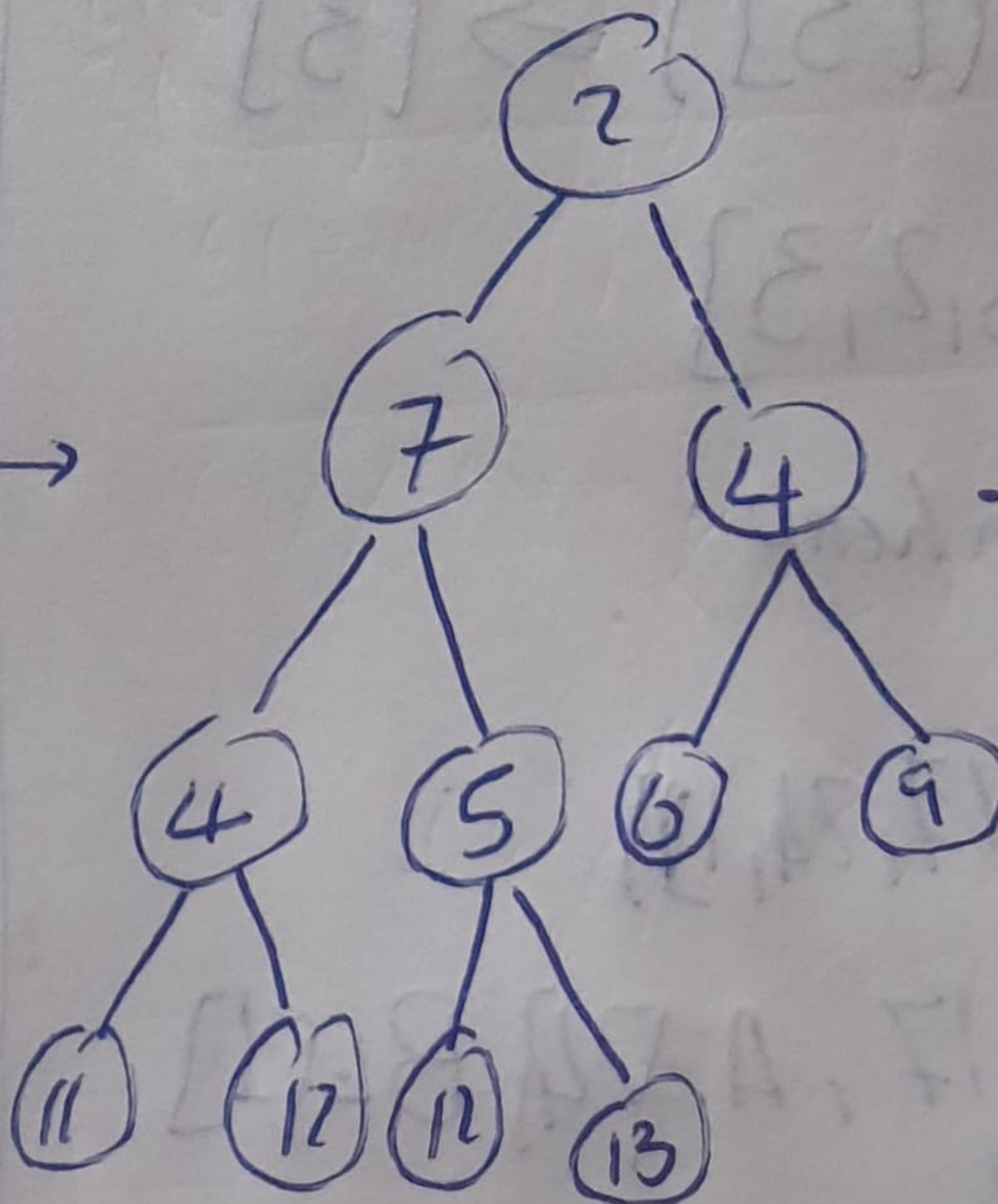


no unheap necessary

part c:



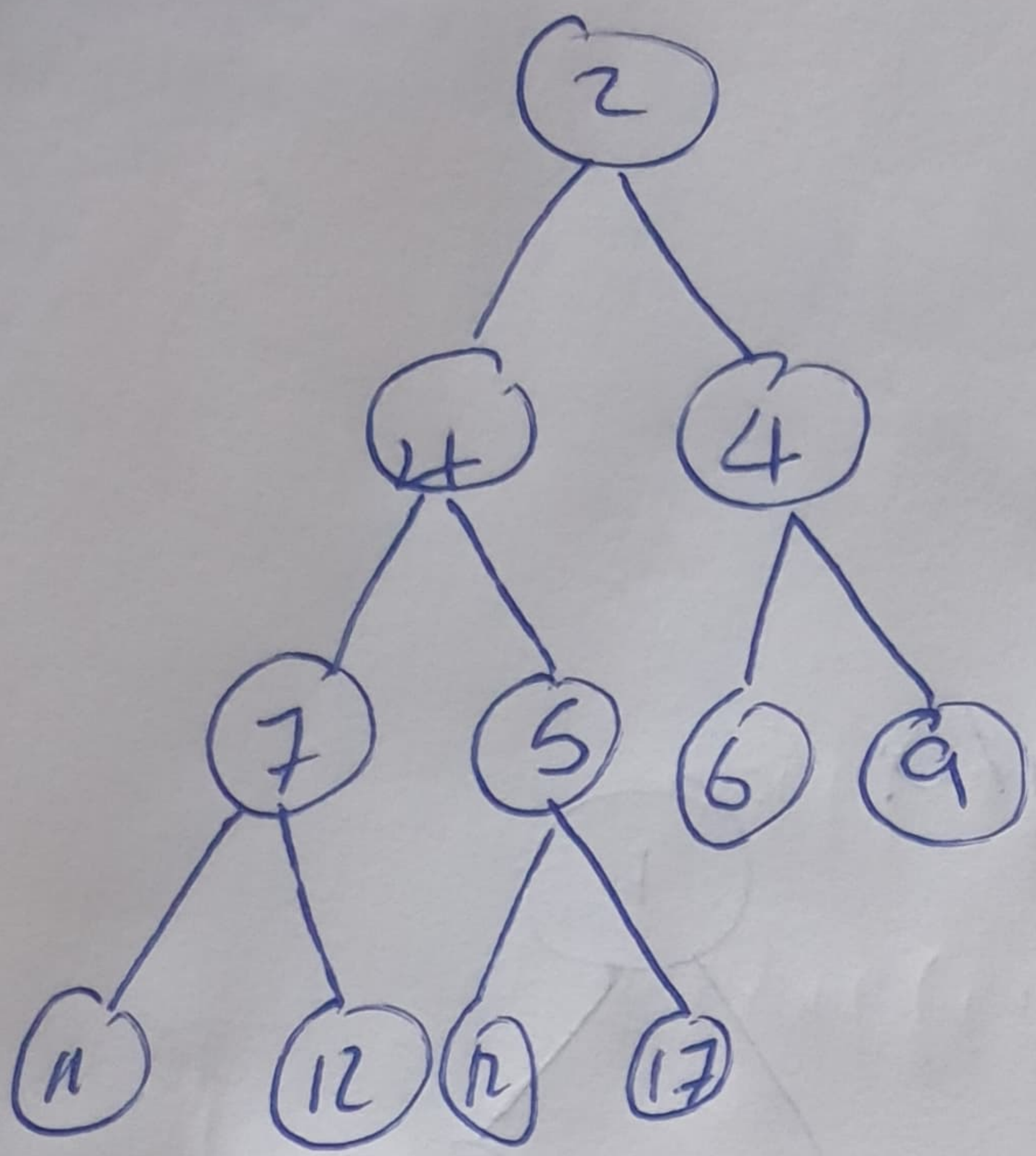
down heap



down heap



Pdaj



problem 28

BUH([11, 5, 2, 3, 17, 24, 1])

k=11 A=[5, 2, 3] B=[17, 24, 1]

BUH([2]) => [2]

BUH([3]) => [3]

=> [5, 2, 3]

down heap

BUH([17, 24, 1])

k=17, A=[4] B=[1]

BUH([1]) => [1]

=> [17, 24, 1]

down heap

[24, 17, 1]

=> [11, 5, 24, 2, 3, 17, 1]

down heap

[24, 5, 11, 2, 3, 17, 1] => [24, 5, 17, 2, 3, 11, 1]



Problem 3:

