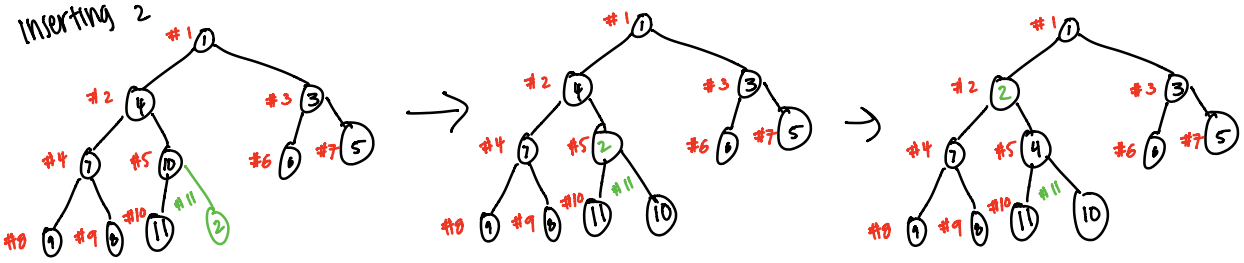
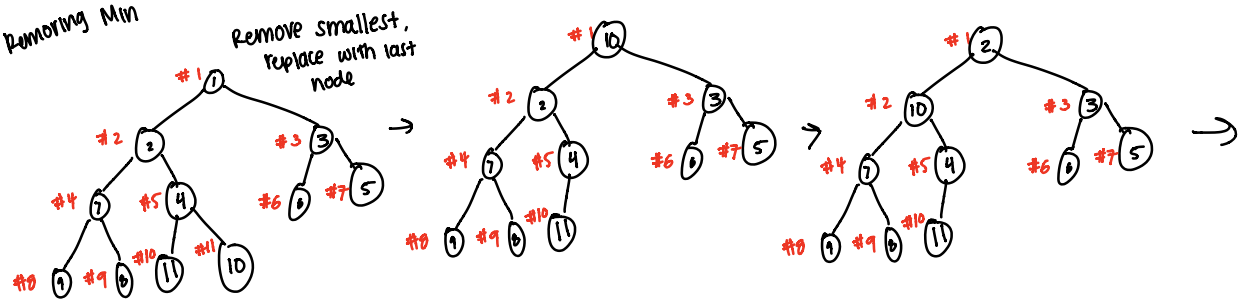
1, 4, 3, 7, 10, 6, 5, 9, 8, 11

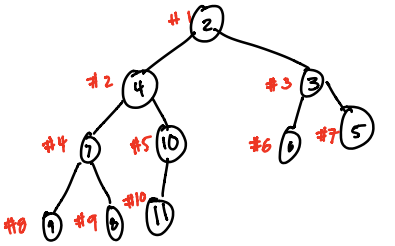
Inserting 2



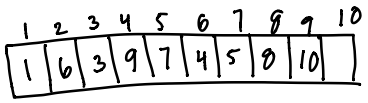
Removing Min

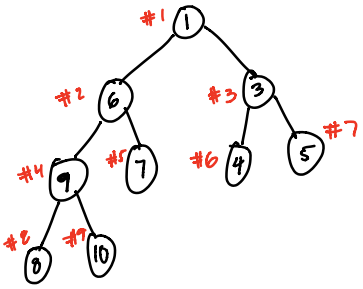
Remove smallest, replace with last node





Done





Not a min heap

Looking at this heap tree, we see that node #4 is the parent of node # 8 and #9. Because this is the case, this is not a true min heap because the parent node (node #9) is greater than its child (node # 8).