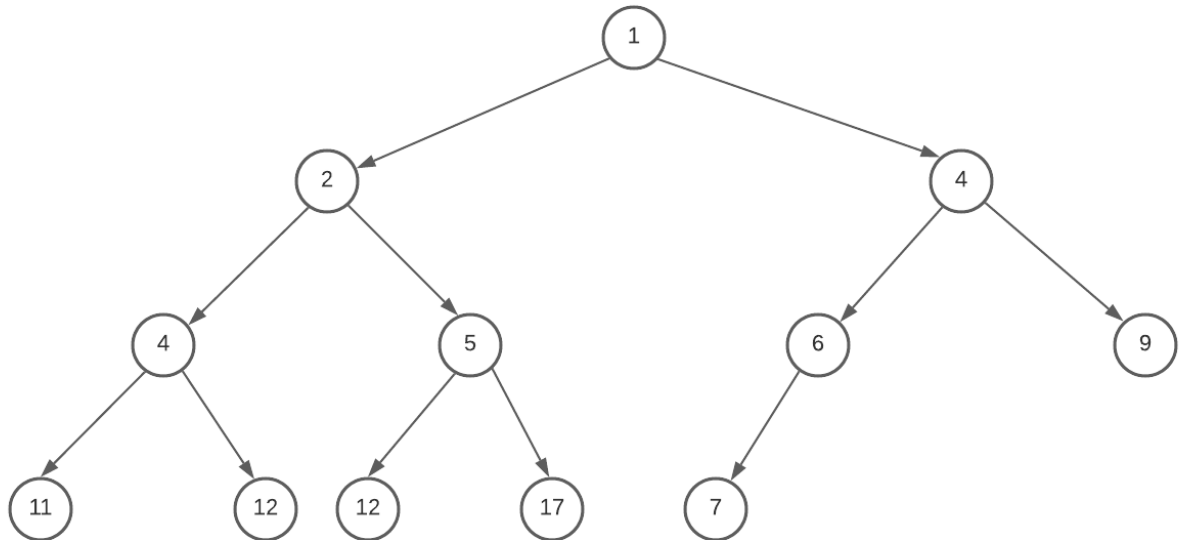


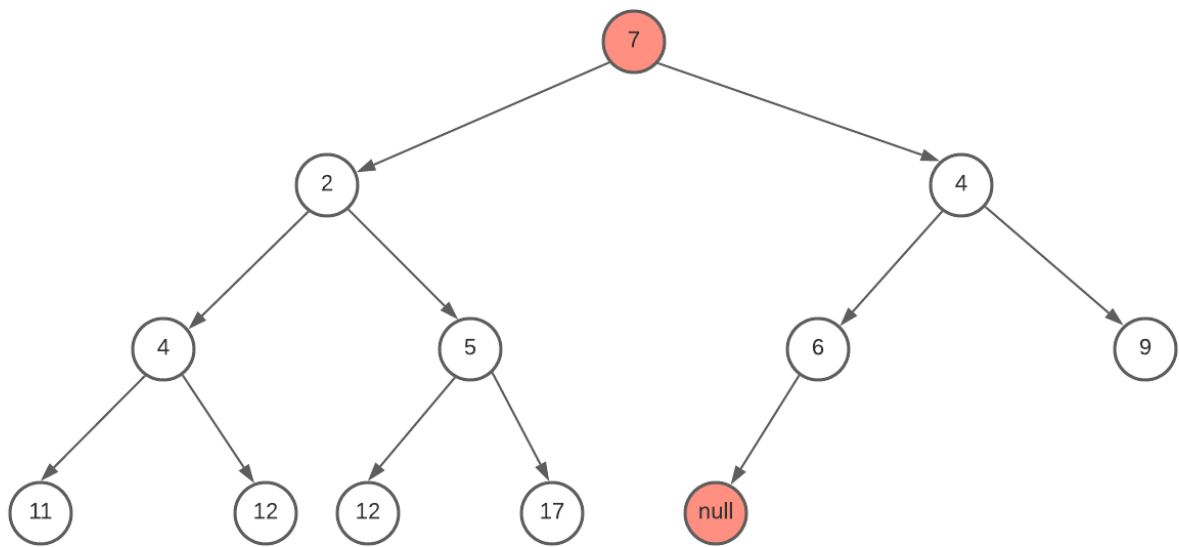
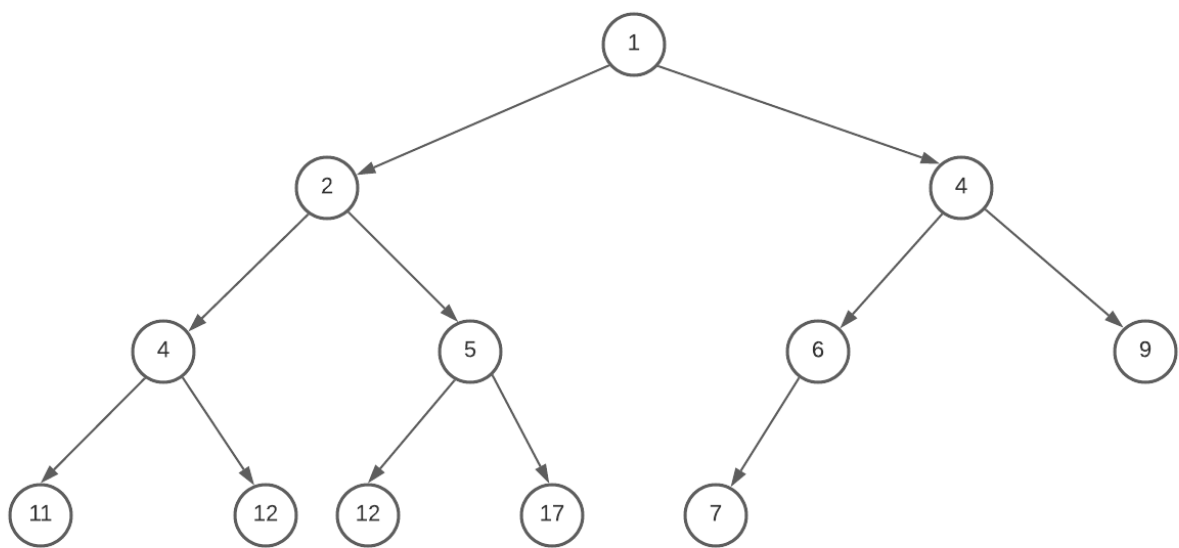
Lab assignment solution

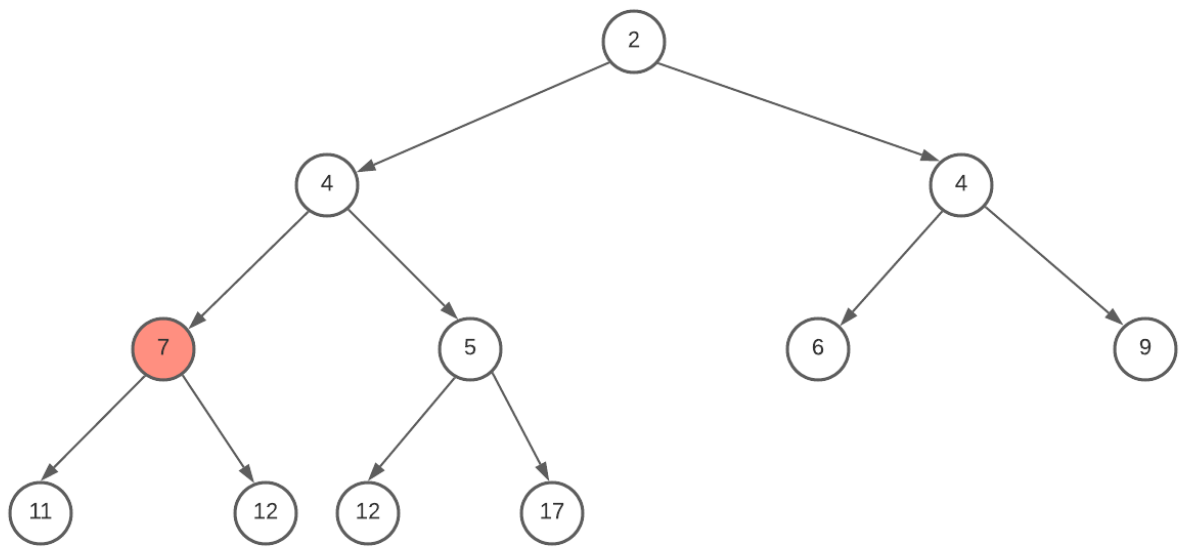
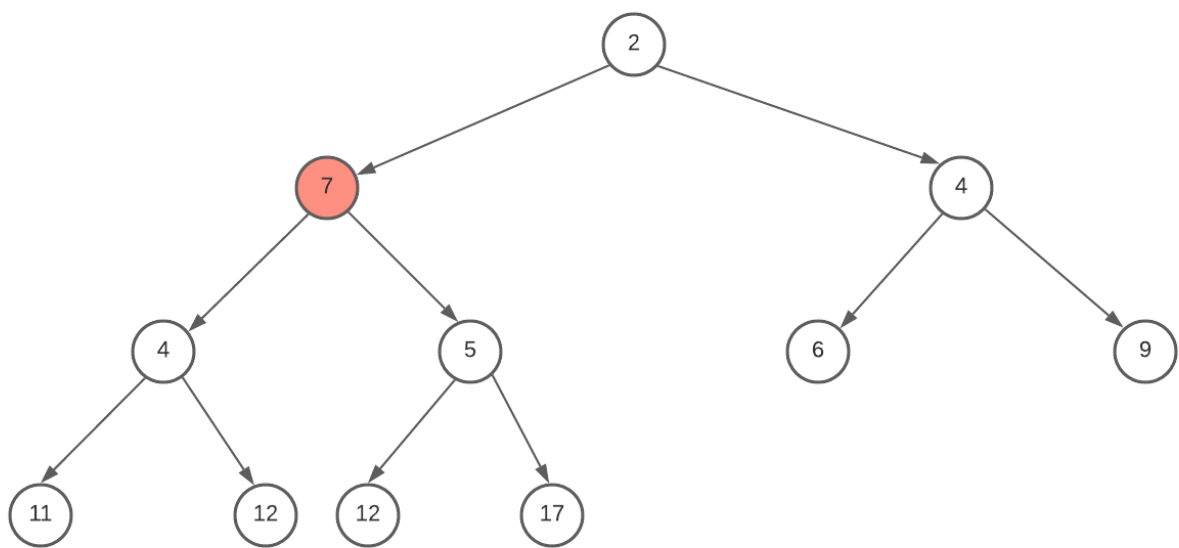
Problem 1:

- a. and
- b. Inserting 7 just involves going down the tree always taking the left side of the tree, and then on the last level, moving to the right of the leaves until an empty space is found. Finally, we check that it doesn't violate the rules of minheap. It doesn't violate minheap rules because its parent node has less value.

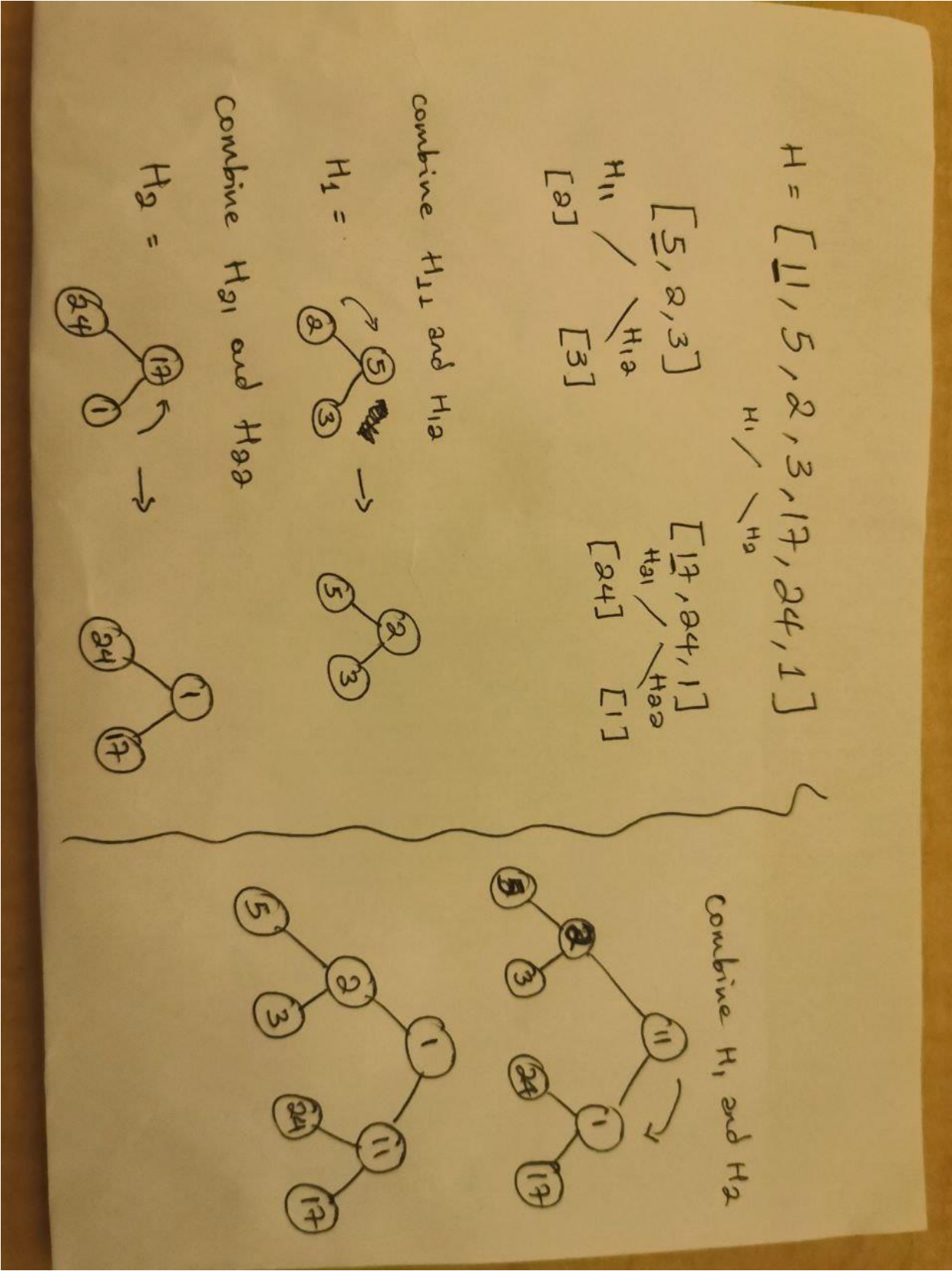


c.





Problem 2:



Problem 3:

