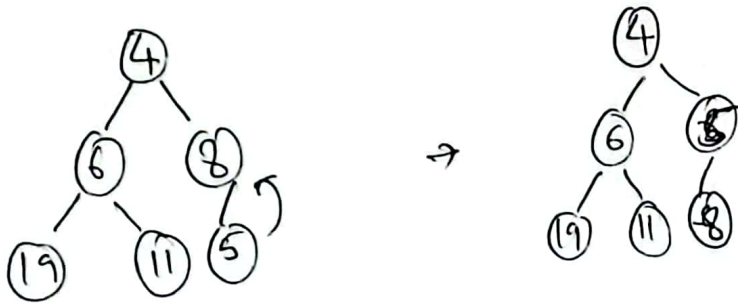
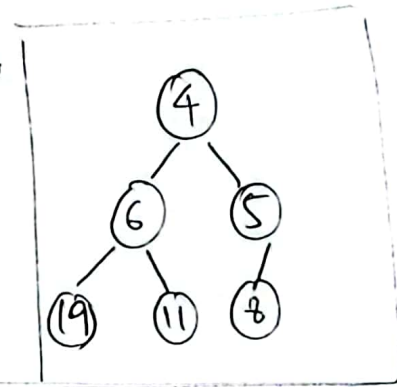


Step 6.] We add 5 as the left child of 8 node. It will be swapped with node 8 as $5 < 8$



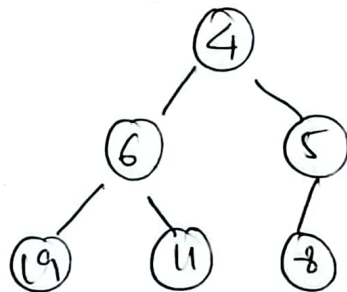
The final min heap will be →

(5)



Q b.) Show a tree that can be the result of after the call to deleteMin() on the above heap.

Answer - The binary tree we have here is as shown



On calling deleteMin(), 4 is removed and there is a vacant space at that spot.

