A Note About the Tracing of Binary Heap Algorithm Execution

In our lecture notes, all binary heap algorithms (insert, delete and sort) manipulate an array since a binary heap is implemented using an array as its underlying data structure.

This is the reason why we often draw an array as we are tracing the execution of the algorithm.
memory space for the tree binary heap, hence it does not require additional binary heap. However, it does not create the tree representation of the heap when the binary heap is represented as a tree. However, understand that the algorithm does not execute easier to visualize how the algorithm executes. The reason we do this is because it is often representation of the binary heap algorithm, we also often draw the tree algorithm, as we are tracing the execution of the

Heap Algorithm Execution

A Note About the Tracing of Binary
Delete - Let's Try!

Min Heap
Deletion - Let's Try!