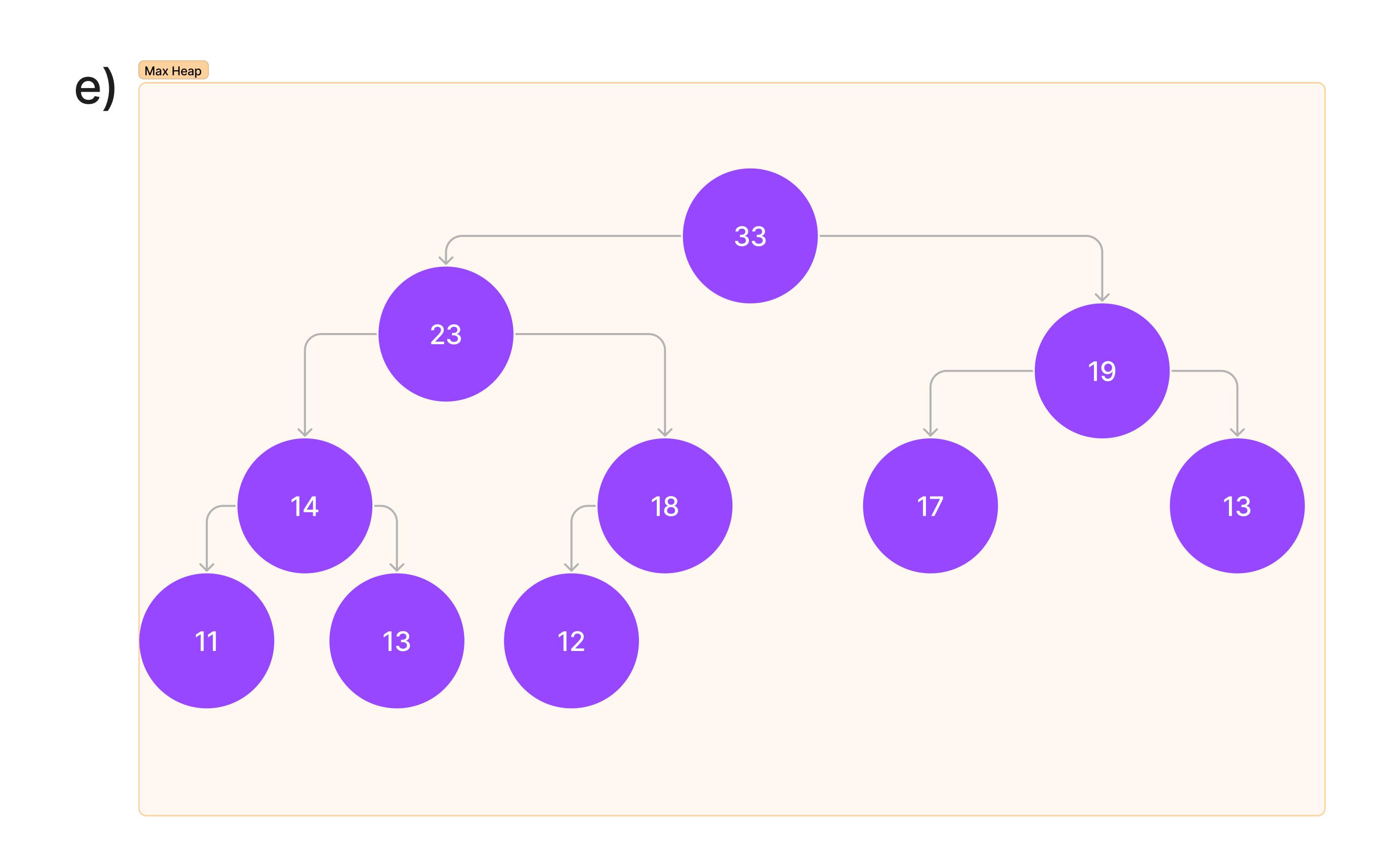


d)
Best Case: O(1) If the element is found at the first posiiton

Average Case: O(N/2) If element is found in the middle of the heap

Worst Case: O(N) If the elment is the last in the heap



It is not possible to have it run in O(log N) time, since there are up to N/2 elements on the bottom level there will be at worst case of O(N) time