
Algorithm 2: Merge Two Max Heaps

Function $MergeHeaps(H_1, H_2)$:

$merged_heap \leftarrow H_1$;

for $node \in H_2$ **do**

$merged_heap.add(node)$;

end

for $i = merged_heap.size - 1$ **to** 0 **do**

$MaxHeapify(merged_heap, i)$

end

return $merged_heap$;

end
