Online on Binary Heap : Problem Specification [A1+A2]
Marks: 10
Time: 20 min

Implement an *O*(*n*logn) sorting algorithm, to sort a given set of numbers in descending order, using the min heap that you have implemented for your offline assignment. Your implementation should be in-place, meaning that you have to update the array you used for representing the heap instead of creating a new one.

[The initial min heap will be created by a series of insert operations that you already have implemented for the offline assignment. Next, update the array to sort it in descending order]