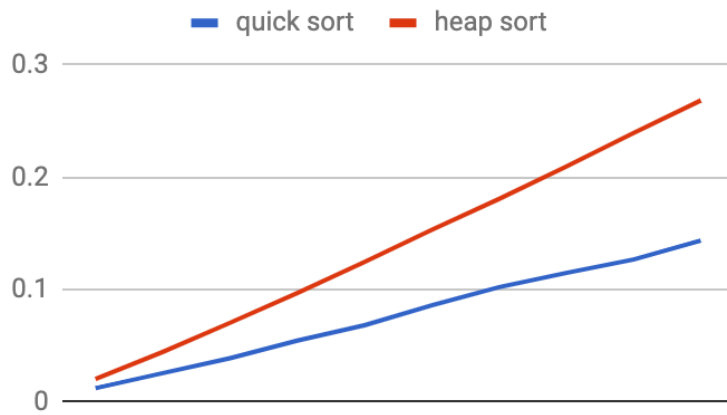


## QuickSort vs HeapSort:



Observed time complexity:

**Sort:  $O(n \log n)$ .**

Analysis: QuickSort performed quicker than heapsort, but both algorithms are very fast.