4.1 bonus d)

If in practice, I would choose k. K is as small as possible, because k is actually the number of elements for Insertion Sort. Also, Merge Sort is faster than Insertion Sort, therefore, k should be 1.

If k cannot be 1, let it be 2.

4.2 bonus e)

T(n)= θ(nlogn)

![图片包含 文字, 白板

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