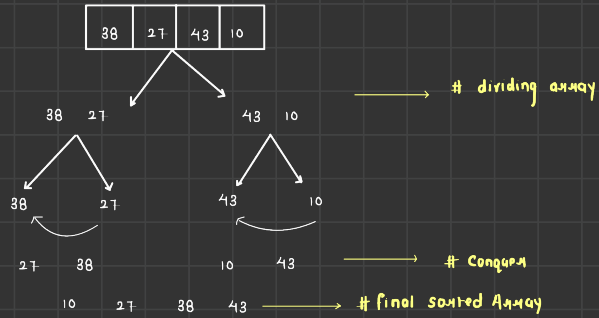


Merge Sort Algorithm



Time complexity for merge sort algorithm $\rightarrow O(n \log n)$