

Merge Sort

It is one of the most popular sorting algorithms that is based on the principle of Divide and Conquer Algorithm.

Divide:

Array is split into subarrays and into two arrays.

Conquer:

We try to sort both the subarrays. If we haven't yet reached the base case, we again divide both these subarrays and try to sort them.

Combine:

When the conquer step reaches the base step and we get two sorted subarrays for array, we combine the results by creating a sorted array from two sorted subarrays.

Merge Sort Algorithm

