Assignment - 1

In merge sort, an array of size n is recursively divided into two sub-arrays of size $n/2$ to sort it. Implement a merge sort which divides the array of size n recursively into four sub-arrays of size $n/4$ to sort it. You need to implement two variations of this merge sort.

- In `Merge()` procedure, use the `Merge()` which you know to merge two sorted arrays.

- Write a separate `Merge()` procedure which merges four sorted arrays.