int arr[] = {0, 3, 41, 20, 24, 5, 2, 49, 28, 49, 23, 23, 4, 69, 43, 34};
int arrSize = (sizeof(randomArr) /sizeof(randomArr[0])) -1;

[CALL FROM MAIN]
mergeSort(arr, 0, arrSize)

[RETURN FROM MAIN]
(Print sorted array)

mergeSort(arr, 0, 7)

mergeSort(arr, 8, 15)

mergeSort(arr, 0, 3)

mergeSort(arr, 4, 7)

mergeSort(arr, 8, 11)

mergeSort(arr, 12, 15)

mergeSort(arr, 0, 1)

mergeSort(arr, 2, 3)

mergeSort(arr, 4, 5)

mergeSort(arr, 6, 7)

mergeSort(arr, 8, 9)

mergeSort(arr, 10, 11)

mergeSort(arr, 8, 11)

mergeSort(arr, 12, 15)

mergeSort(arr,0,0) | mergeSort(arr,1,1) | mergeSort(arr,2,2) | mergeSort(arr,3,3) | mergeSort(arr,4,4) | mergeSort(arr,5,5) | mergeSort(arr,6,6) | mergeSort(arr,7,7) | mergeSort(arr,8,8) | mergeSort(arr,9,9) | mergeSort(arr,10,10) | mergeSort(arr,11,11) | mergeSort(arr,12,12) | mergeSort(arr,13,13) | mergeSort(arr,14,14) | mergeSort(arr,15,15)

merge(arr, 0, 0, 1)

merge(arr, 2, 2, 3)

merge(arr, 4, 4, 5)

merge(arr, 6, 6, 7)

merge(arr, 8, 8, 9)

merge(arr, 10, 10, 11)

merge(arr, 12, 12, 13)

merge(arr, 14, 14, 15)

merge(arr, 0, 1, 3)

merge(arr, 4, 5, 7)

merge(arr, 8, 9, 11)

merge(arr, 12, 13, 15)

merge(arr, 0, 3, 7)

merge(arr, 8, 11, 15)

merge(arr, 0, 7, 15)

Sorted Array:
0 2 3 4 5 20 23 23 24 28 34 41 43 49 49