Initial Array:

0 3 41 20 24 5 2 49 28 49 23 23 4 69 43

mergeSort(0x7fffd966da90, 0, 15); [CALL FROM MAIN]

mergeSort(0x7fffd966da90, 0, 15);

mergeSort(0x7fffd966da90, 0, 7);

mergeSort(0x7fffd966da90, 0, 3);

mergeSort(0x7fffd966da90, 0, 1);

mergeSort(0x7fffd966da90, 0, 0);

mergeSort(0x7fffd966da90, 1, 1);

merge(0x7fffd966da90, 0, 0, 1);

mergeSort(0x7fffd966da90, 2, 3);

mergeSort(0x7fffd966da90, 2, 2);

mergeSort(0x7fffd966da90, 3, 3);

merge(0x7fffd966da90, 2, 2, 3);

merge(0x7fffd966da90, 0, 1, 3);

mergeSort(0x7fffd966da90, 4, 7);

mergeSort(0x7fffd966da90, 4, 5);

mergeSort(0x7fffd966da90, 4, 4);

mergeSort(0x7fffd966da90, 5, 5);

merge(0x7fffd966da90, 4, 4, 5);

mergeSort(0x7fffd966da90, 6, 7);

mergeSort(0x7fffd966da90, 6, 6);

mergeSort(0x7fffd966da90, 7, 7);

merge(0x7fffd966da90, 6, 6, 7);

merge(0x7fffd966da90, 4, 5, 7);

merge(0x7fffd966da90, 0, 3, 7);

mergeSort(0x7fffd966da90, 8, 15);

mergeSort(0x7fffd966da90, 8, 11);

mergeSort(0x7fffd966da90, 8, 9);

mergeSort(0x7fffd966da90, 8, 8);

mergeSort(0x7fffd966da90, 9, 9);

merge(0x7fffd966da90, 8, 8, 9);

mergeSort(0x7fffd966da90, 10, 11);

mergeSort(0x7fffd966da90, 10, 10);

mergeSort(0x7fffd966da90, 11, 11);

merge(0x7fffd966da90, 10, 10, 11);

merge(0x7fffd966da90, 8, 9, 11);

mergeSort(0x7fffd966da90, 12, 15);

mergeSort(0x7fffd966da90, 12, 13);

mergeSort(0x7fffd966da90, 12, 12);

mergeSort(0x7fffd966da90, 13, 13);

merge(0x7fffd966da90, 12, 12, 13);

mergeSort(0x7fffd966da90, 14, 15);

mergeSort(0x7fffd966da90, 14, 14);

mergeSort(0x7fffd966da90, 15, 15);

merge(0x7fffd966da90, 14, 14, 15);

merge(0x7fffd966da90, 12, 13, 15);

merge(0x7fffd966da90, 8, 11, 15);

merge(0x7fffd966da90, 0, 7, 15);

Sorted Array:

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

Total execution time of mergeSort with [16] elements in the array: 12011 microseconds.