

MERGE SORT TEST ON ARR1

Array before sorting

13 44 27 4 0 9 18 7 -4 25

Sorted array is

-4 0 4 7 9 13 18 25 27 44

This array is properly sorted

HEAP SORT TEST ON ARR2

Array before sorting

13 4 -27 4 0 999 18 7 -4 25

Sorted array is

-27 -4 0 4 4 7 13 18 25 999

This array is properly sorted

QUICK SORT TEST ON ARR3

Array before sorting

13 100 27 4 0 -96 18 7 -4 89

Sorted array is

-96 -4 0 4 7 13 18 27 89 100

This array is properly sorted

SHELL SORT TEST ON ARR4

Array before sorting

3 1 2 -3 90 -8 -7 7 40 55

Sorted array is

-8 -7 -3 1 2 3 7 40 55 90

This array is properly sorted