



(/en/),
v1.1.0

CSD Testing System

(/en/)

Heap sort

Cost: 9 | Solved: 142

Memory limit: 256 MBs

Time limit: 1 s

Input: input.txt

Output: output.txt

Task:

You are given an array of n integers.

You have to write the “heap sort” for this array.

Input:

The first line contains a natural number n ($1 \leq n \leq 10^5$) – the quantity of elements of the array.

The second line contains n numbers – the elements of the array.

Output:

The sorted array.

Example:

Input	Output
6 6 4 7 1 9 -2	-2 1 4 6 7 9

