# Heap

## Problem Statement 1:

Check if a given array is a Heap.

### Description:

Given an array, write a function to check if it represents a Binary Max-Heap.

Example of Binary Max-Heap Array:

20

{ 20, 15, 10, 7, 12, 2 }

12

7

15

10

2

## Problem Statement 2:

Merge two heaps.

### Description:

Given two binary max-heap arrays, write a function, which returns a new binary max-heap array with values from both arrays.