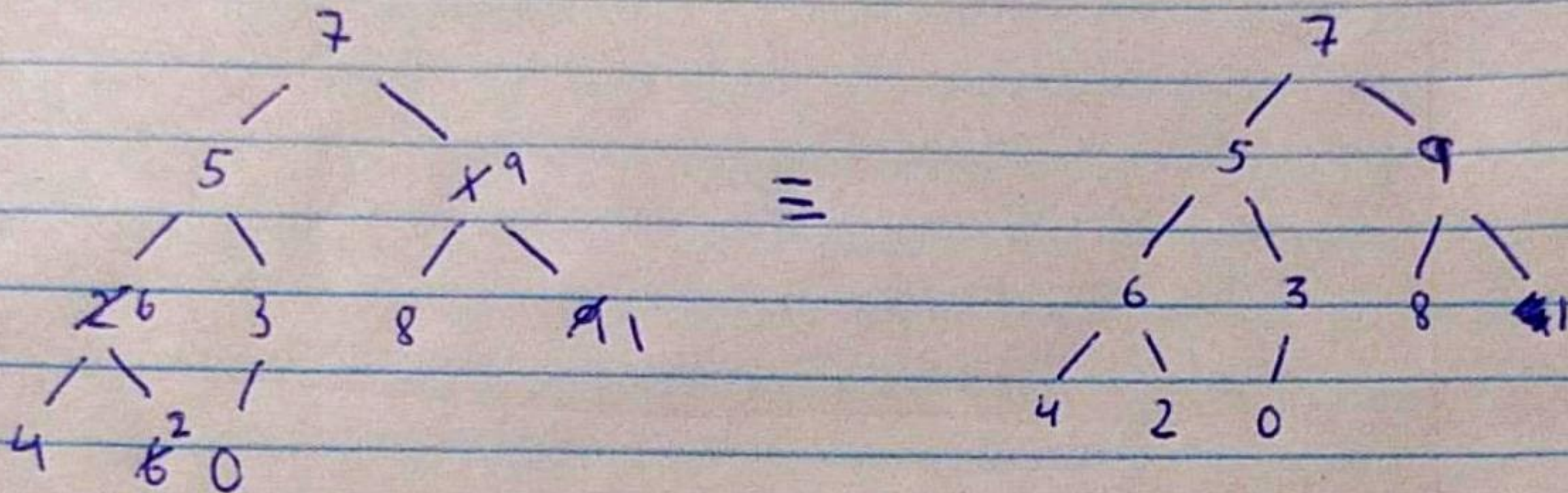


Assignment 2

1. Say our array of size 10 is:

	0	1	2	3	4	5	6	7	8	9
A =	7	5	1	2	3	8	9	4	6	0

Result of bad-heapify(A):



~~The~~ Element (0, 0) in the resulting heap is smaller than one of its children (1, 1). This violates the heap-order property, and therefore it is not a heap.

Corresponding binary tree for array A:

