Problem Set #17

1. Draw the binary min heap that results from inserting: 88, 3, 19, 32, 2, 13 in that order into an initially empty binary min heap.
   a. Show the final array and tree representation of the heap.

   Show array representation:

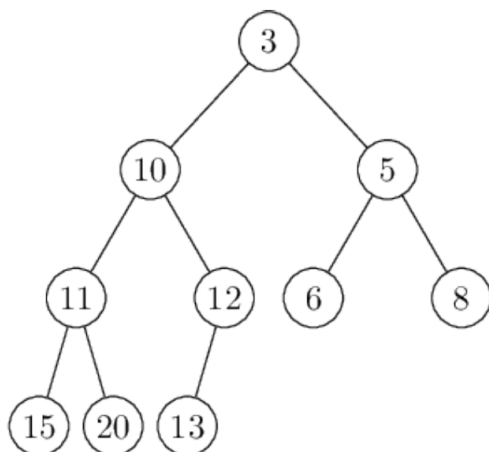 | 0 | 1 | 2 | 3 | 4 | 5 | 6 |
   |---|---|---|---|---|---|---|
   | | | | | | | |

   Draw Tree here:

   b. Show the final array and tree representation of the heap that results from performing **two deletions** on the heap created in part (a).

   Show array representation:

0	1	2	3	4	5	6

   Draw Tree here:

2. Consider the following min heap. Show the final array and tree representation of the heap that results from performing **two deletions** on the heap.

0	1	2	3	4	5	6	7	8	9	10	11