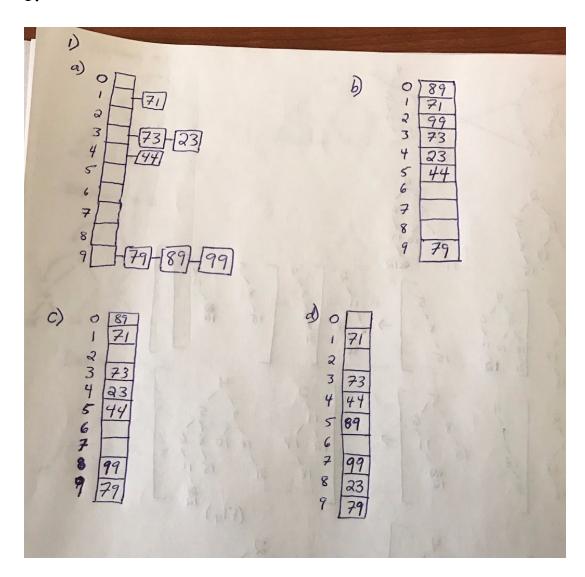
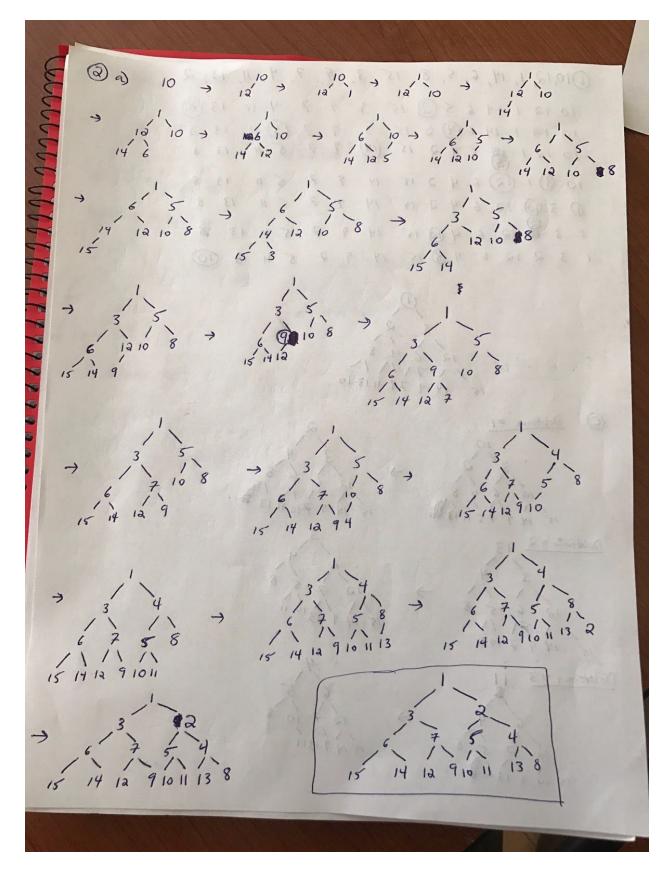
1.





(D) 10, 12, 1, 14, 6, 5, 8, 15, 3, 9, 7, 4, 11, 13, 2

10 12 1 14 6 5 (2) 15 3 9 7 4 11 13 (8)

10 12 1 14 6 (9) 2 15 3 9 7 (5) 11 13 8

10 12 1 (2) 6 4 2 15 (19) 9 7 5 11 13 8

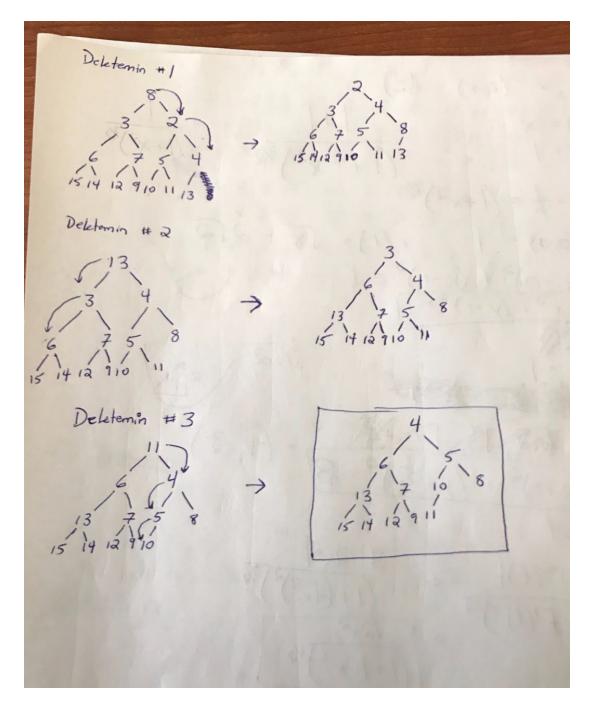
10 (3) 1 (2) 6 4 2 15 14 9 7 5 11 13 8

1 3 (2) 12 6 4 2 15 14 9 7 5 11 13 8

1 3 (2) 12 6 4 (2) 15 14 9 7 5 11 13 8

1 3 (2) 12 6 4 (3) 15 14 9 7 5 11 13 8

1 3 (2) 12 6 4 (3) 15 14 9 7 5 11 13 10



3.

The parent of any node is at index i of a "d-ary" tree is found at ((i-2)/d)+1

The children of ant node at index i are the nodes found from d(i-1) + 1 through d(i-1) + d.

This could also be represented as d(i-1)+x where $1 \le x \le d$

