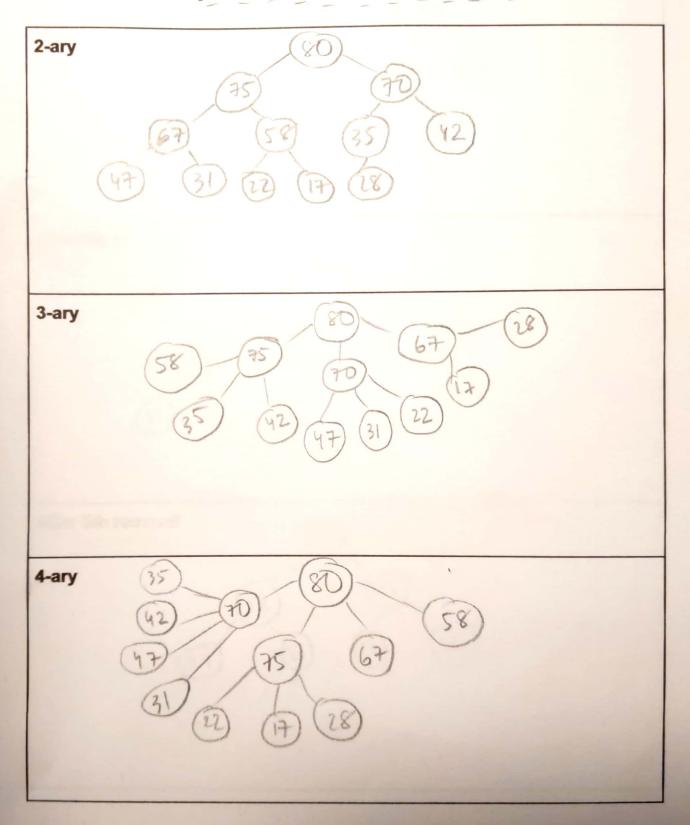
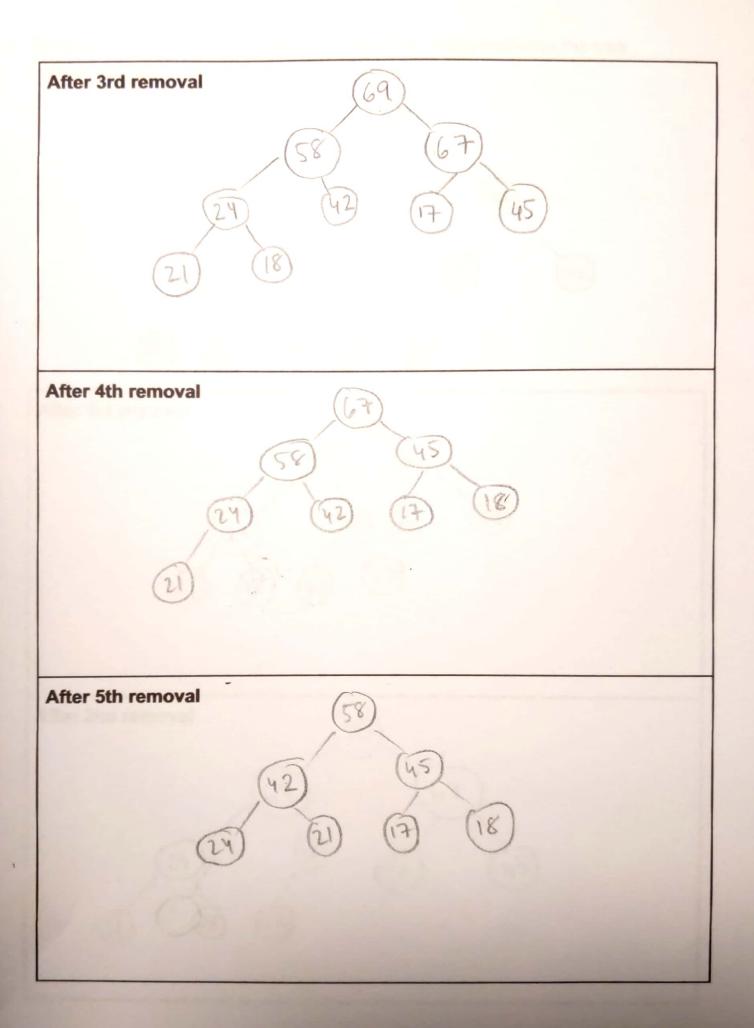
4. Write down the array representations of the given 3-ary min-heap after each specified operation.

Origin	al										
10	17	52	49	25	46	27	56	82	67	50	
After removing the minimum once											
17	25	52	49	50	46	U	56	82	67		
After removing the minimum twice											
25	27	52	49	20	46	67	56	82			
After inserting 35 and 53											
25	27	35	49	50	46	67	50	82	52	53	
After inserting 20 and 50											
20.	77	35	25	50	Me	67	56	82	5.2	53	49
After removing the minimum 10 times											
67	82		,						,		

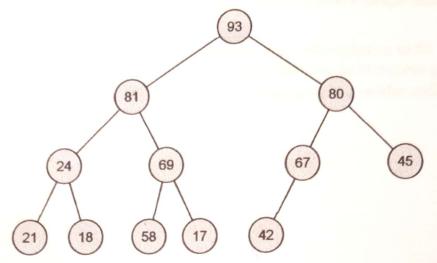
3. Draw the tree representations of the d-ary max-heaps from the following array representation. Choose d = 2, 3, 4.

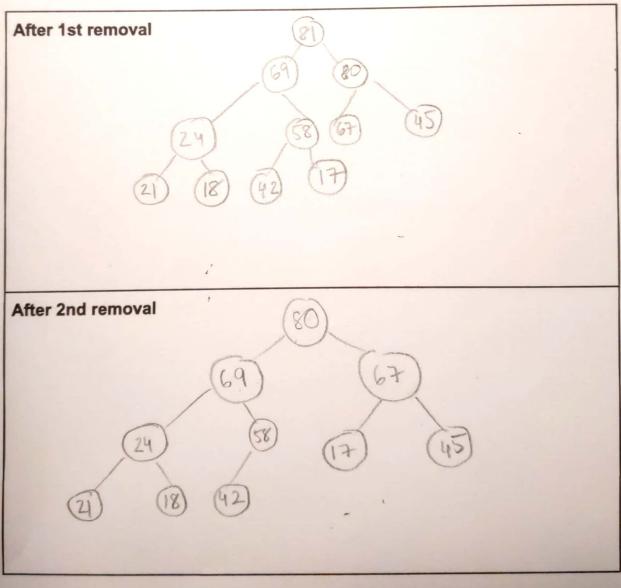
Array representation: [80, 70, 75, 67, 58, 35, 42, 47, 31, 22, 17, 28]





Remove the top element 5 times from the given heap and draw the tree representations of the heap after each removal.





PA 7 Part 1: Heap Worksheet

DSC 30 Spring 2020 - Marina Langlois

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Insert the following elements in the given order to an empty binary (d = 2)
min-heap. Draw the tree representation of the heap after all insertions.

Elements to insert: [67, 52, 71, 40, 35, 99, 38, 15, 11, 90, 74, 18, 25]

