

Question 1

p, j											r
13	19	9	5	12	8	7	4	21	2	6	11

p	j										r
13	19	9	5	12	8	7	4	21	2	6	11

p		j									r
13	19	9	5	12	8	7	4	21	2	6	11

p, i			j								r
9	19	13	5	12	8	7	4	21	2	6	11

p	i			j							r
9	5	13	19	12	8	7	4	21	2	6	11

p	i				j						r
9	5	13	19	12	8	7	4	21	2	6	11

p		i				j					r
9	5	8	19	12	13	7	4	21	2	6	11

p			i				j				r
9	5	8	7	12	13	19	4	21	2	6	11

p				i				j			r
9	5	8	7	4	13	19	12	21	2	6	11

p				i					j		r
9	5	8	7	4	13	19	12	21	2	6	11

p					i					j	r
9	5	8	7	4	2	19	12	21	13	6	11

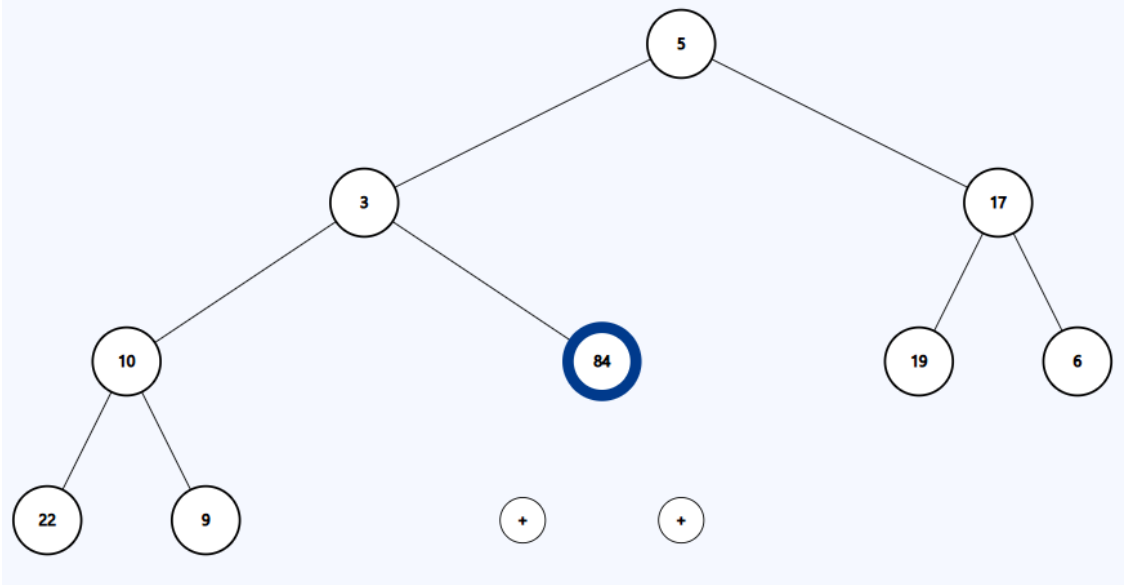
p						i					r
9	5	8	7	4	2	6	12	21	13	19	11

p						i					r
9	5	8	7	4	2	6	11	21	13	19	12

Question 2

start

0	1	2	3	4	5	6	7	8
				i				
5	3	17	10	84	19	6	22	9

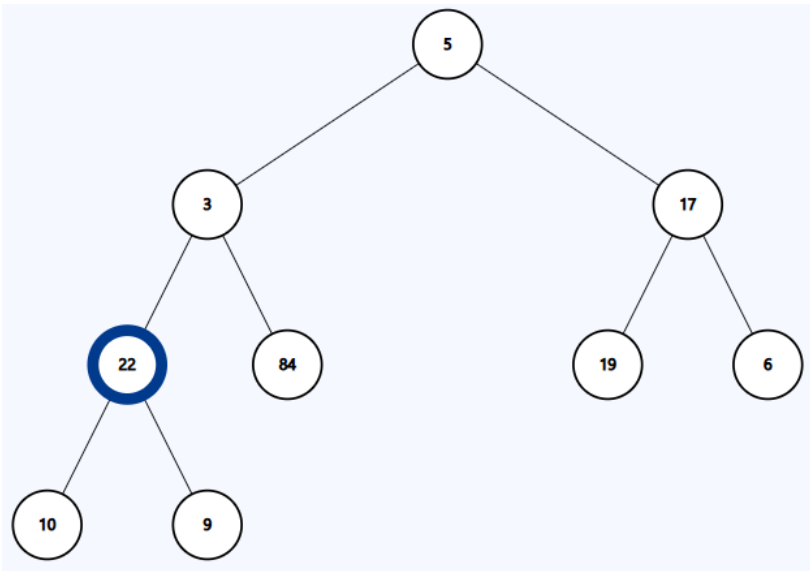
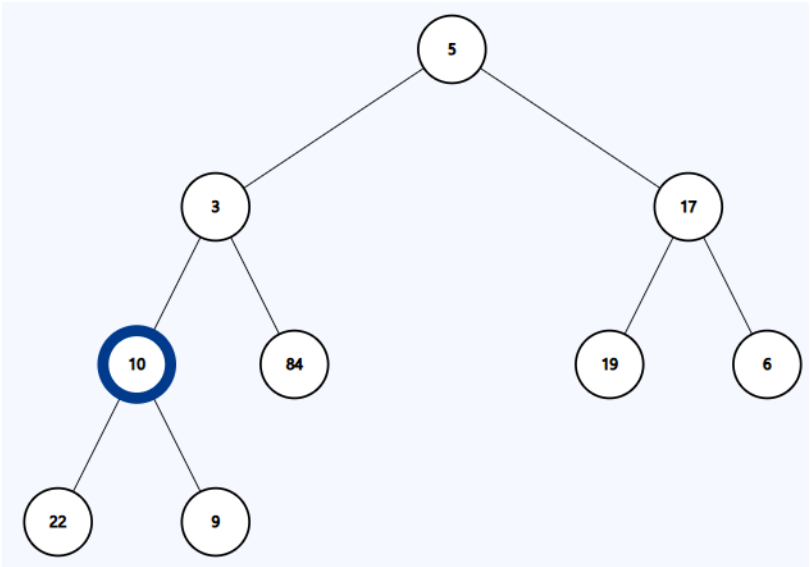


end

0	1	2	3	4	5	6	7	8
				i				
5	3	17	10	84	19	6	22	9

Start

0	1	2	3	4	5	6	7	8
			i					
5	3	17	22	84	19	6	10	9

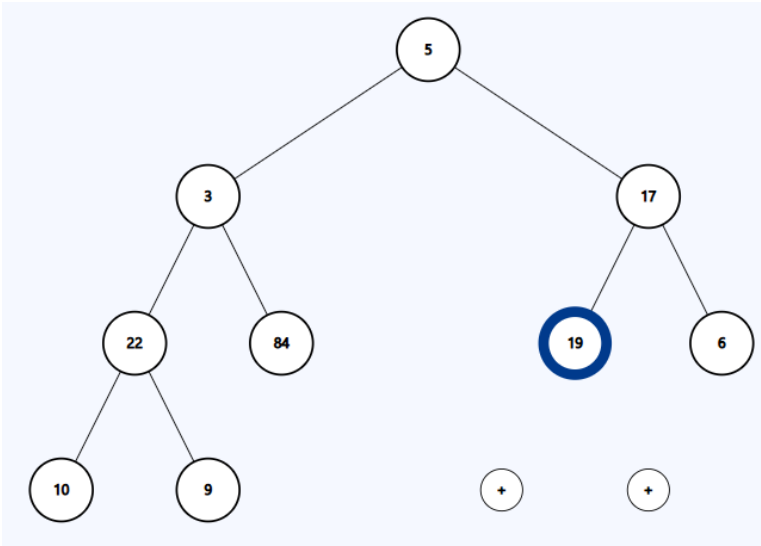
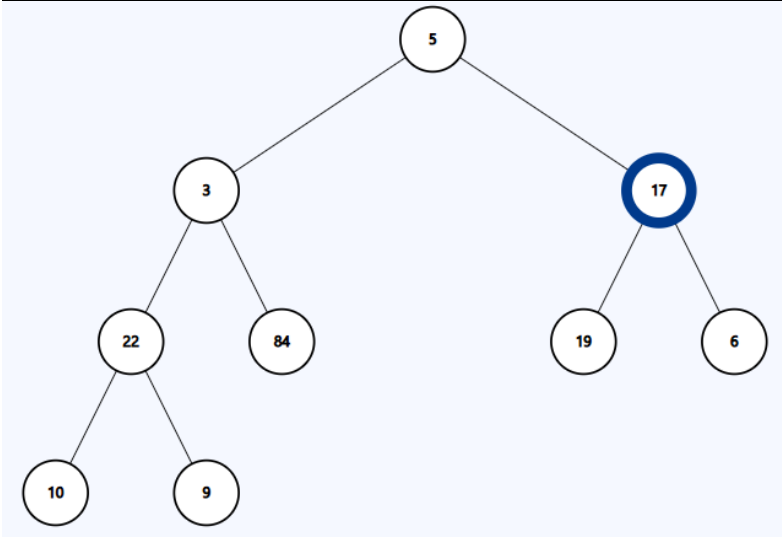


end

0	1	2	3	4	5	6	7	8
			i					
5	3	17	22	84	19	6	10	9

Start

0	1	2	3	4	5	6	7	8
		i						
5	3	17	22	84	19	6	10	9

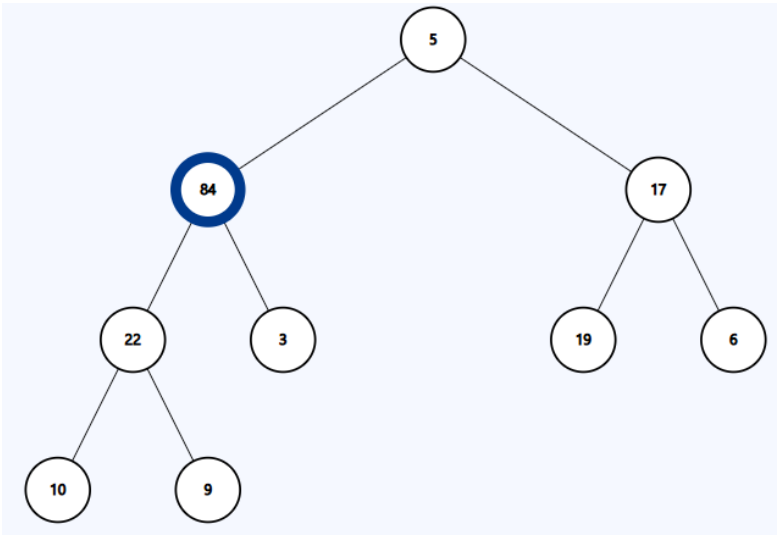
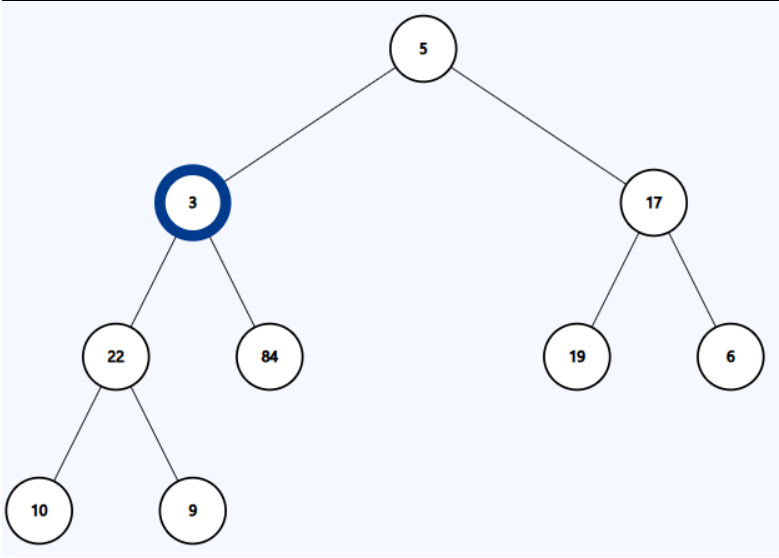


end

0	1	2	3	4	5	6	7	8
		i						
5	3	19	22	84	17	6	10	9

Start

0	1	2	3	4	5	6	7	8
	i							
5	3	19	22	84	17	6	10	9

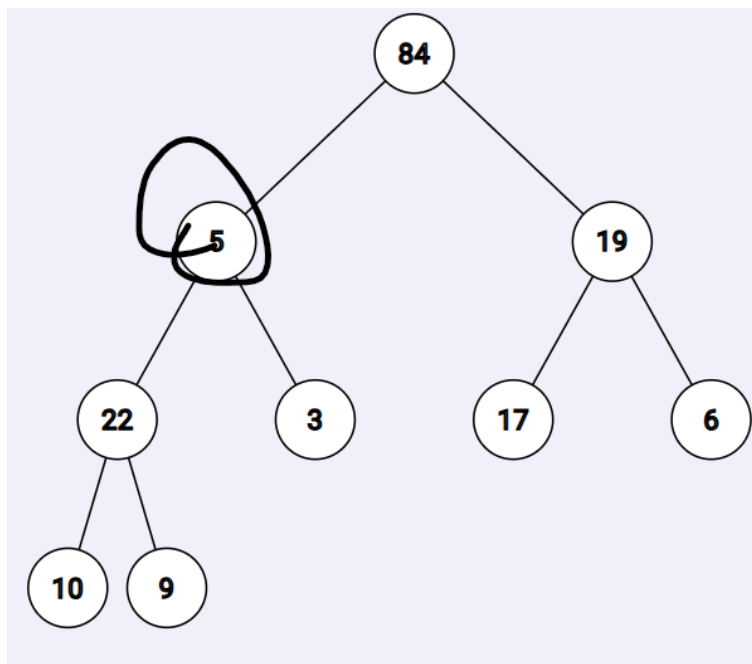
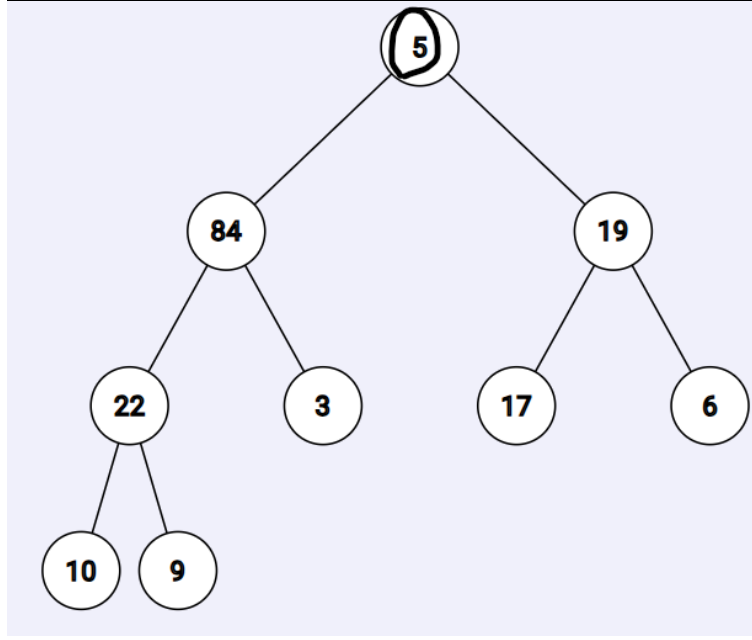


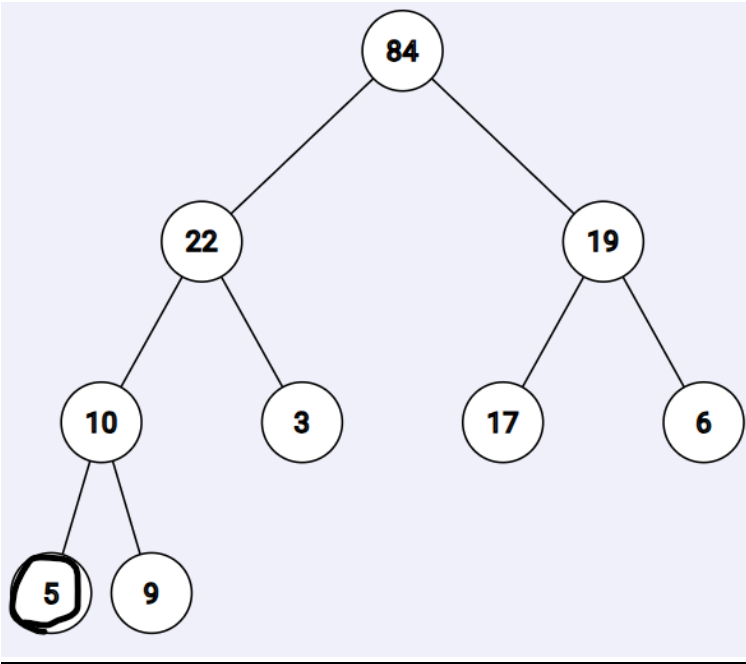
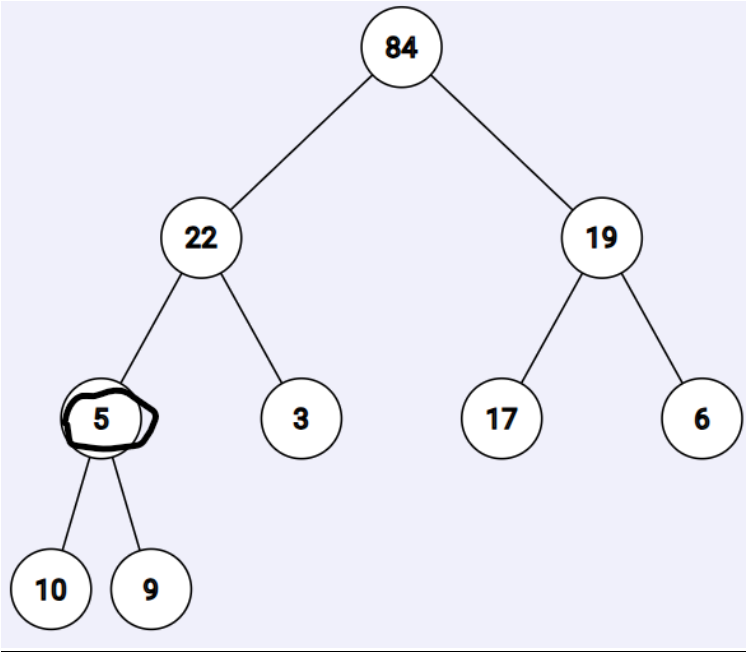
End

0	1	2	3	4	5	6	7	8
	i							
5	84	19	22	3	17	6	10	9

Start

0	1	2	3	4	5	6	7	8
i								
5	84	19	22	3	17	6	10	9



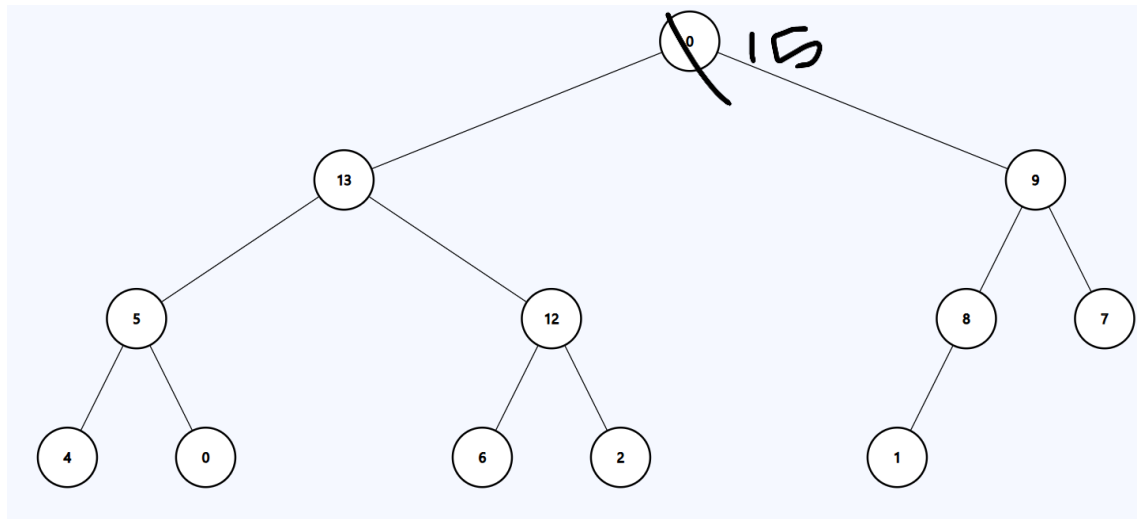


End

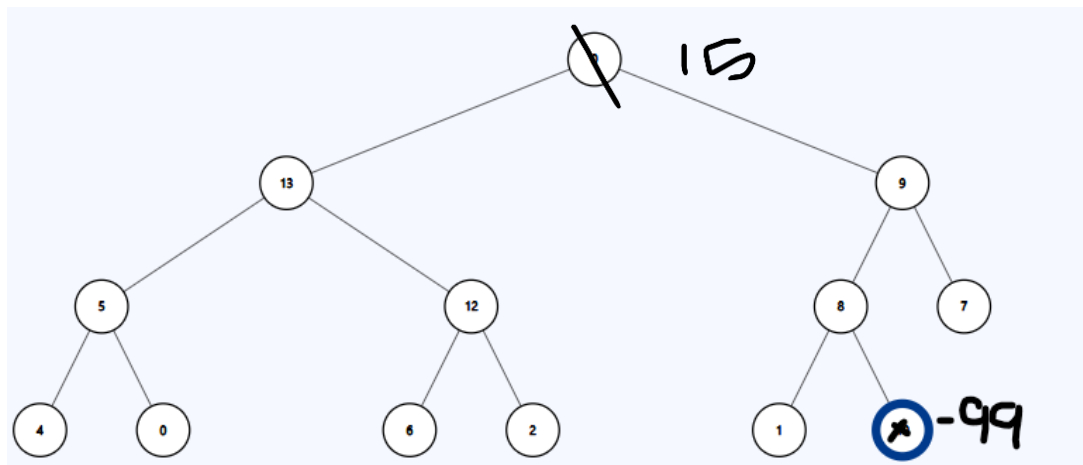
0	1	2	3	4	5	6	7	8
i								
84	22	19	10	3	17	6	5	9

Question 3

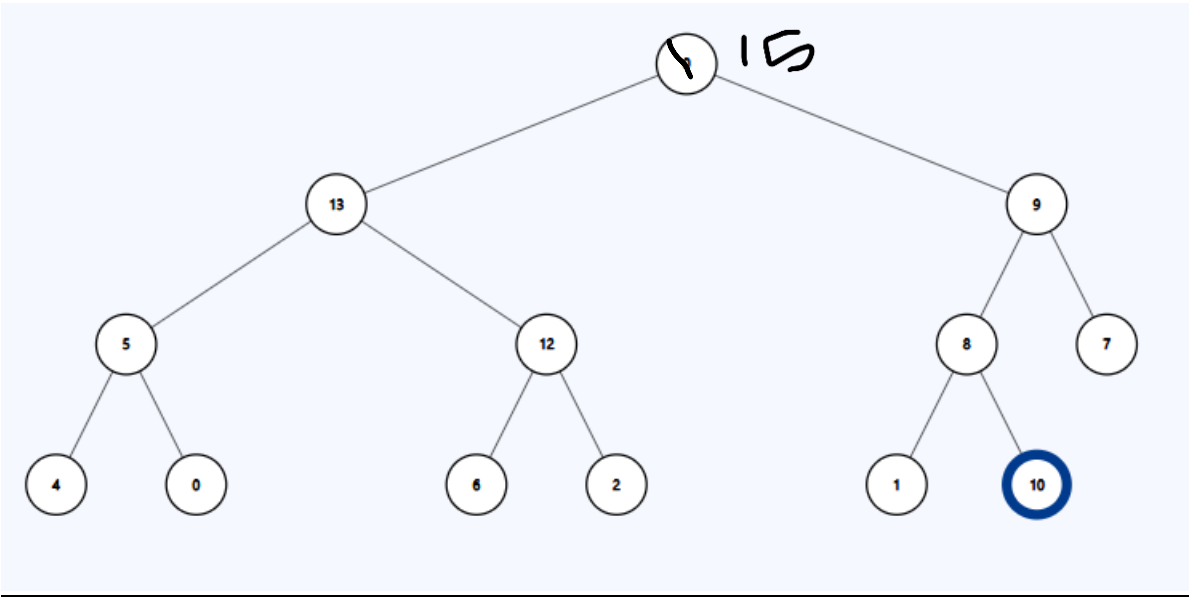
0	1	2	3	4	5	6	7	8	9	10	11
15	13	9	5	12	8	7	4	0	6	2	1



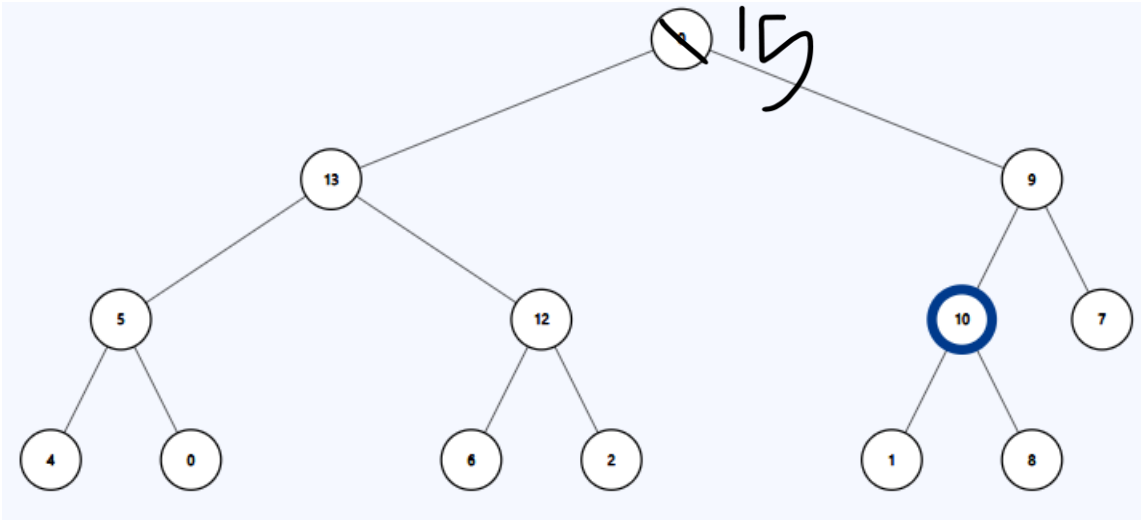
0	1	2	3	4	5	6	7	8	9	10	11	12
												i
15	13	9	5	12	8	7	4	0	6	2	1	-99



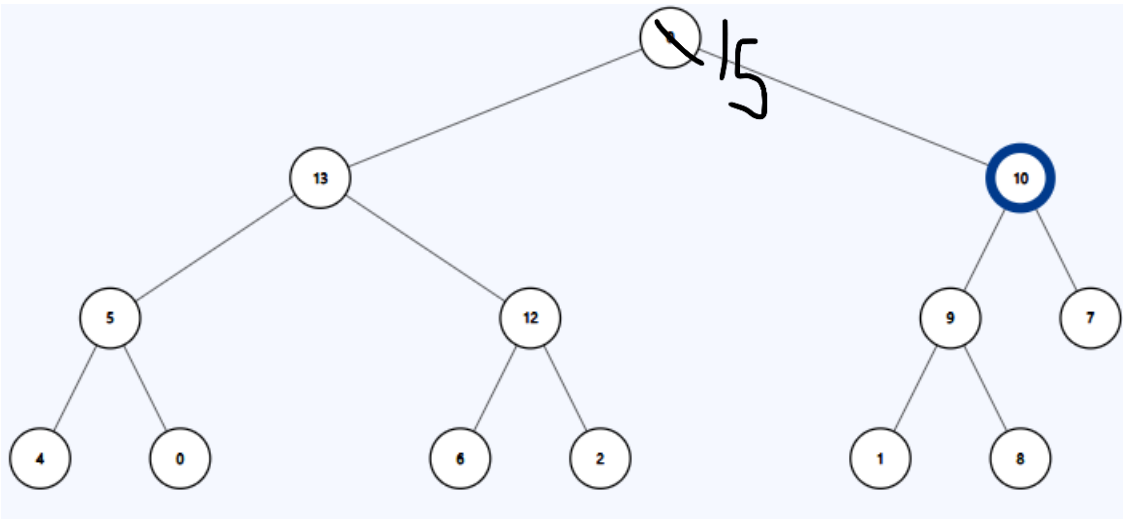
0	1	2	3	4	5	6	7	8	9	10	11	12
												i
15	13	9	5	12	8	7	4	0	6	2	1	10



0	1	2	3	4	5	6	7	8	9	10	11	12
					i							
15	13	9	5	12	10	7	4	0	6	2	1	8

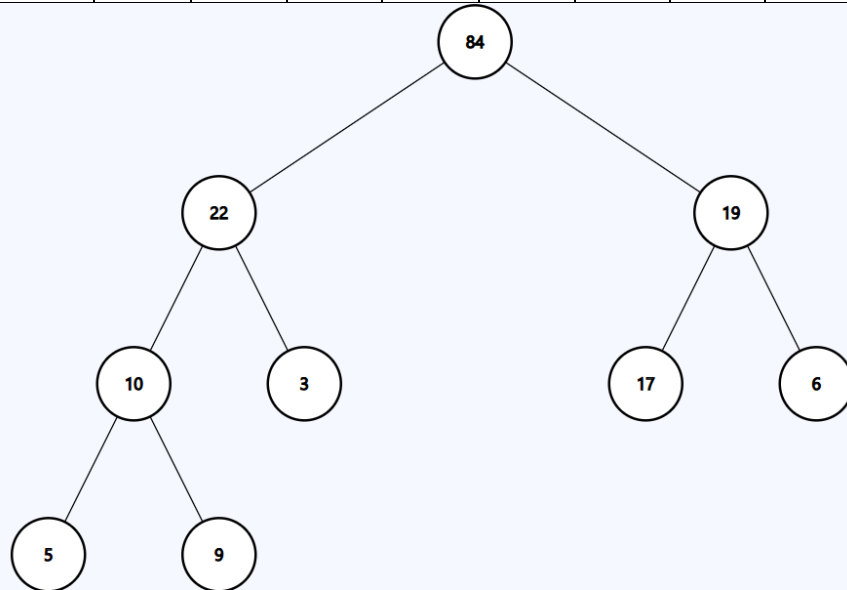


0	1	2	3	4	5	6	7	8	9	10	11	12
		i										
15	13	10	5	12	9	7	4	0	6	2	1	8

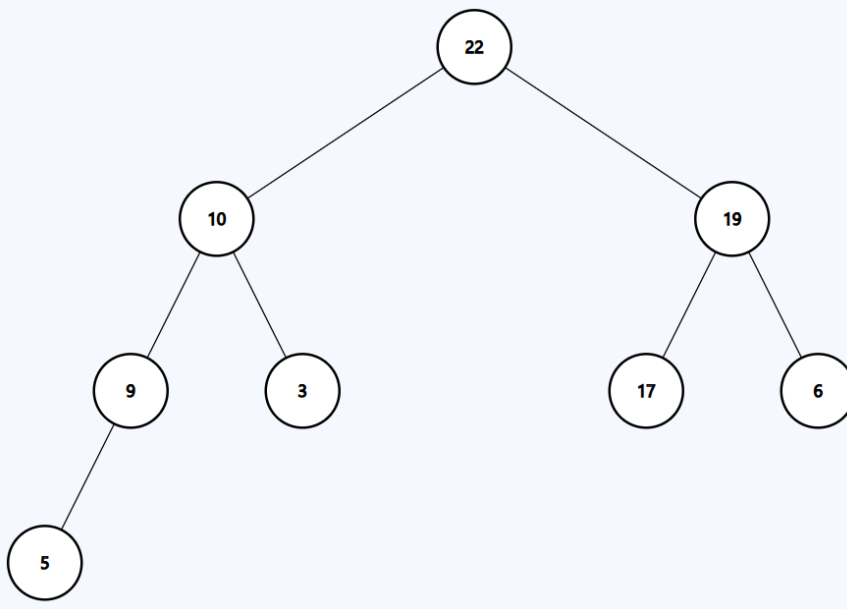


Question 4

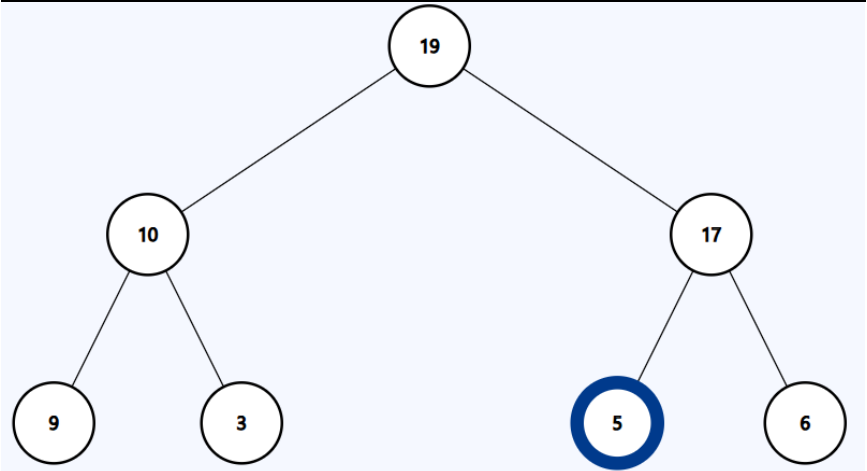
0	1	2	3	4	5	6	7	8
								i
84	22	19	10	3	17	6	5	9



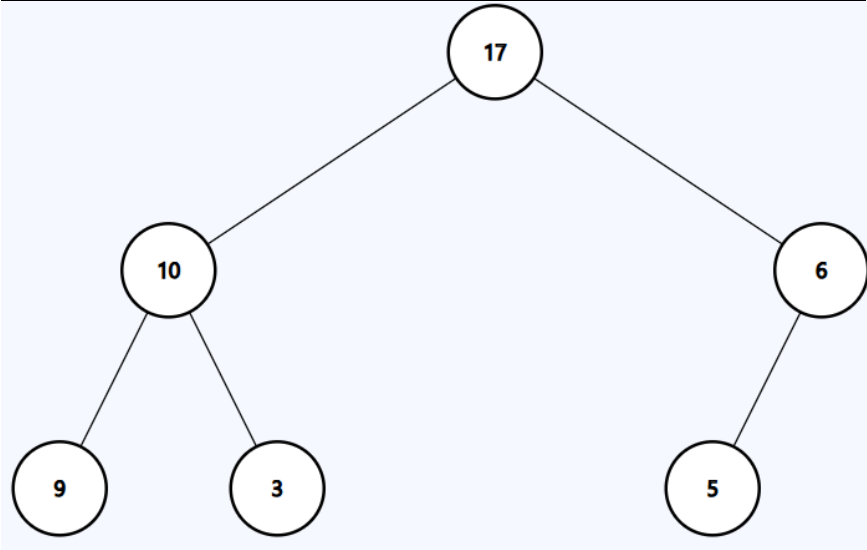
0	1	2	3	4	5	6	7	8
							i	
22	10	19	9	3	17	6	5	84



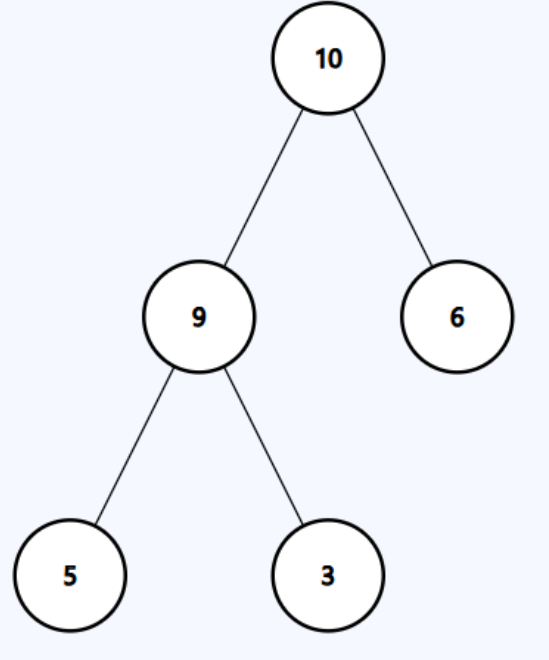
0	1	2	3	4	5	6	7	8
						i		
19	10	17	9	3	5	6	22	84



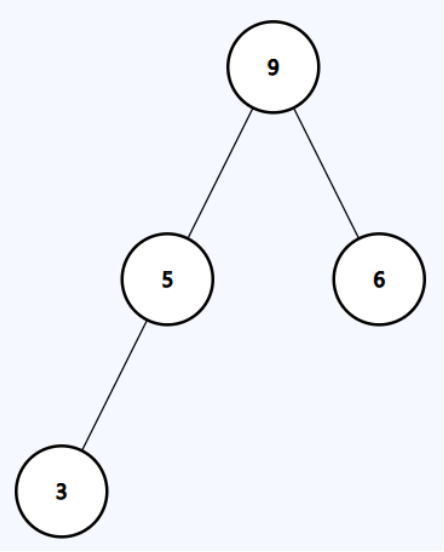
0	1	2	3	4	5	6	7	8
					i			
17	10	6	9	3	5	19	22	84



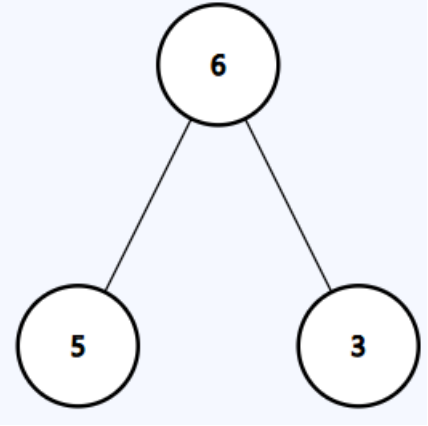
0	1	2	3	4	5	6	7	8
				i				
10	9	6	5	3	17	19	22	84



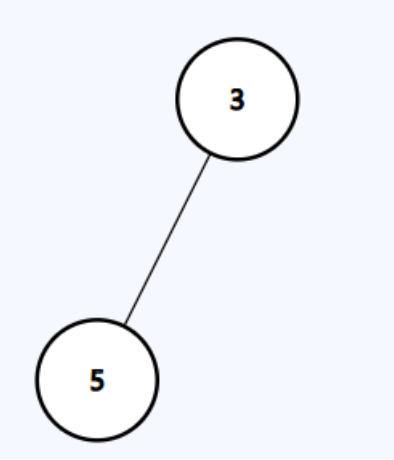
0	1	2	3	4	5	6	7	8
			i					
9	5	6	3	10	17	19	22	84



0	1	2	3	4	5	6	7	8
		i						
6	5	3	9	10	17	19	22	84



0	1	2	3	4	5	6	7	8
	i							
3	5	6	9	10	17	19	22	84



result

0	1	2	3	4	5	6	7	8
3	5	6	9	10	17	19	22	84