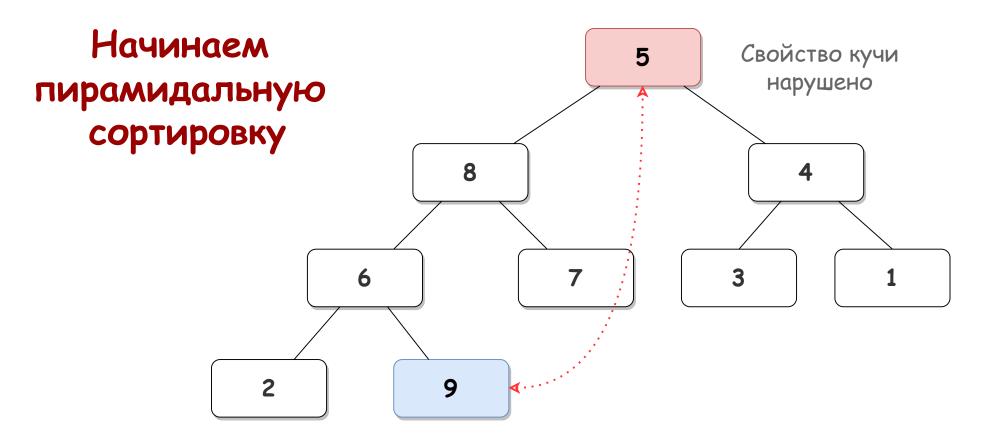
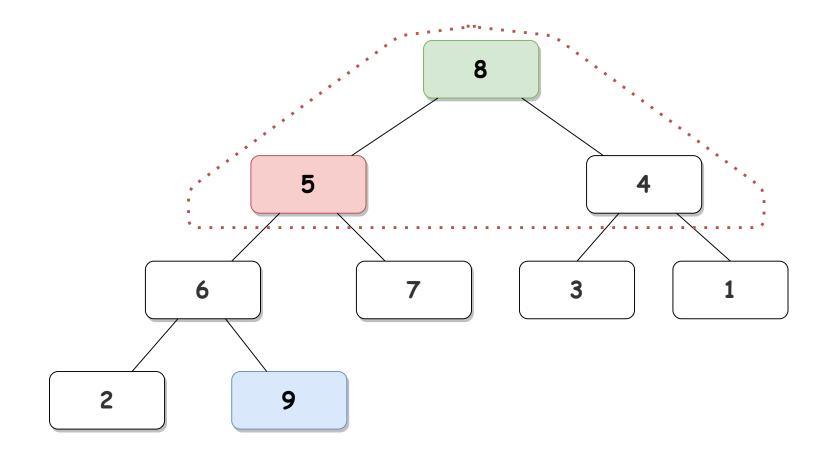


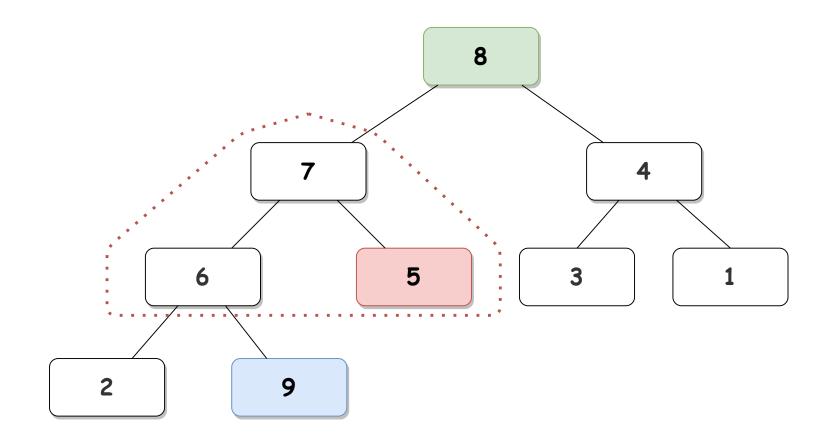
Хранение кучи в массиве

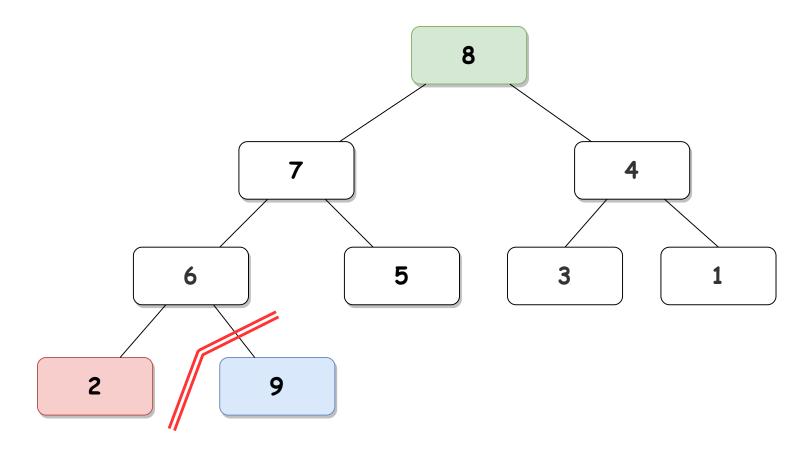
0	1	2	3	4	5	6	7	8
9	8	4	6	7	3	1	2	5



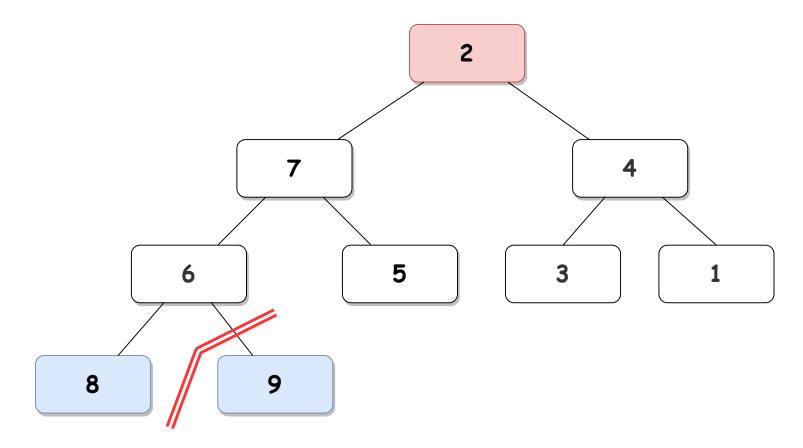
Меняем первый и последний элемент массива местами



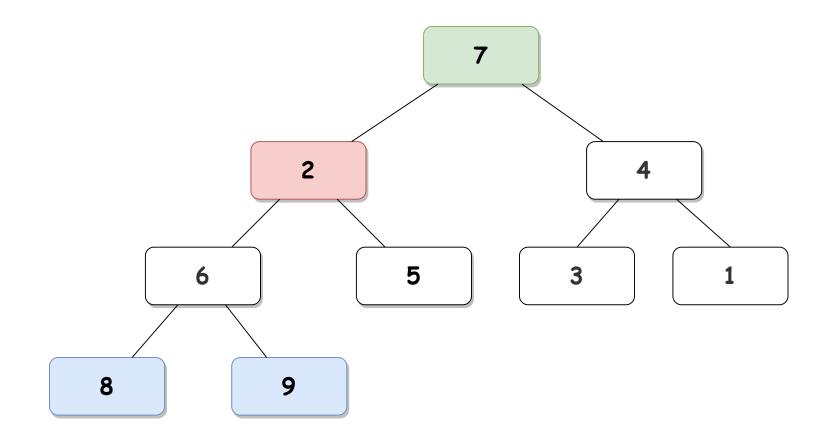


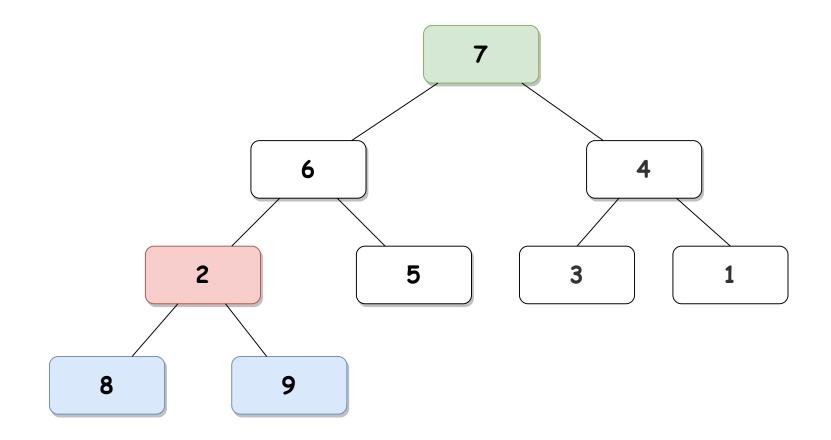


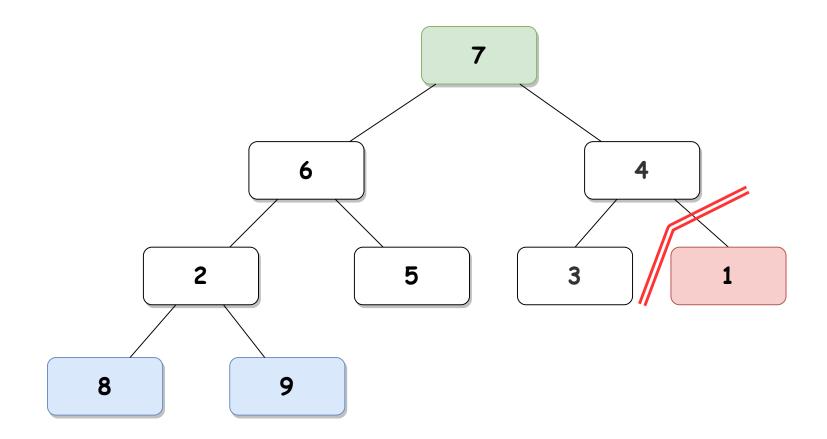
Выбираем новый последний элемент массива



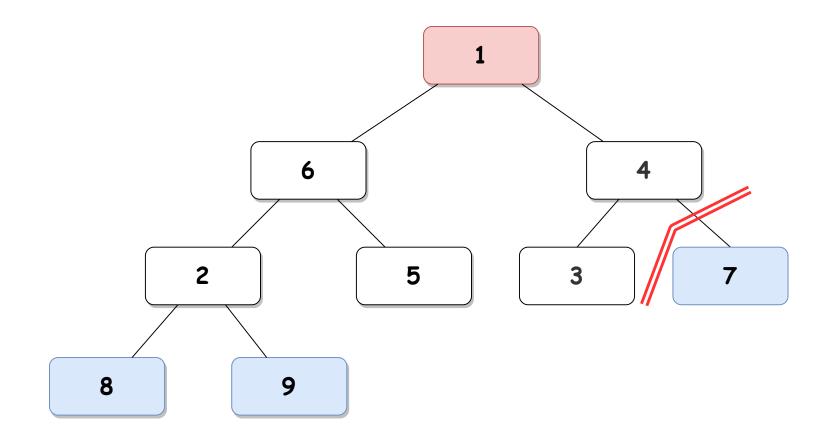
Меняем первый и последний элемент массива местами



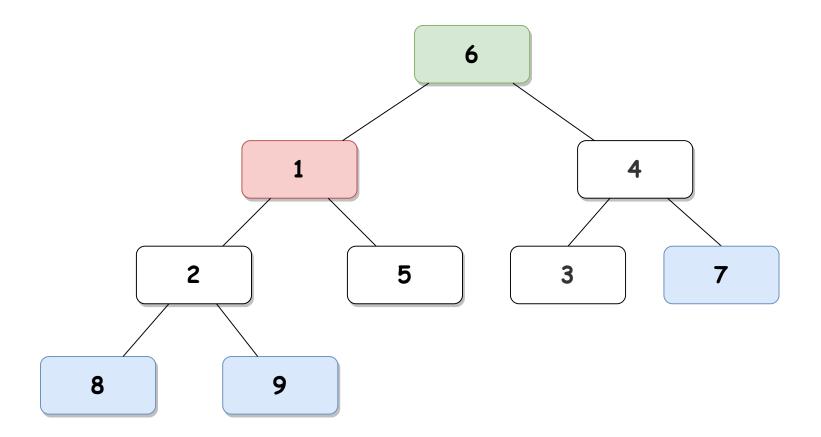


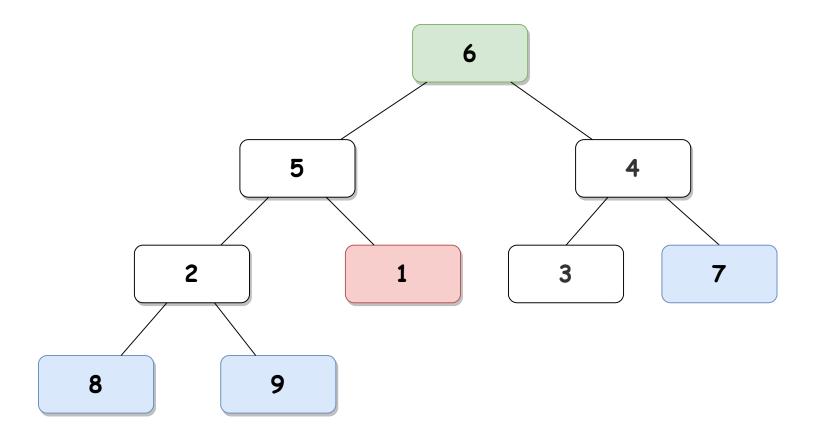


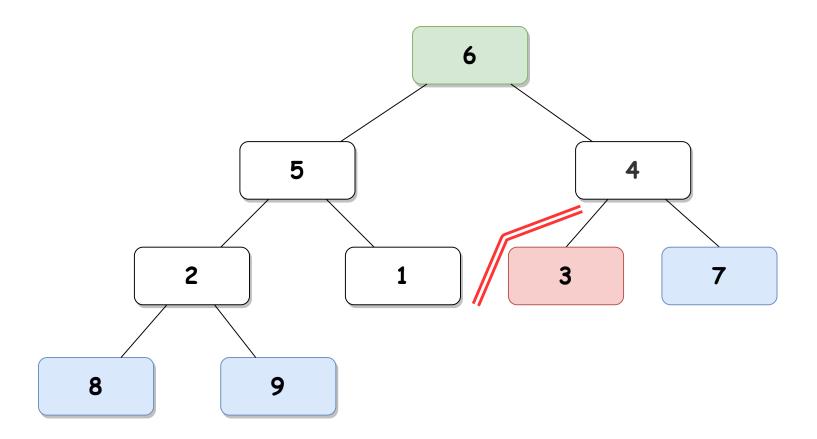
Выбираем новый последний элемент массива

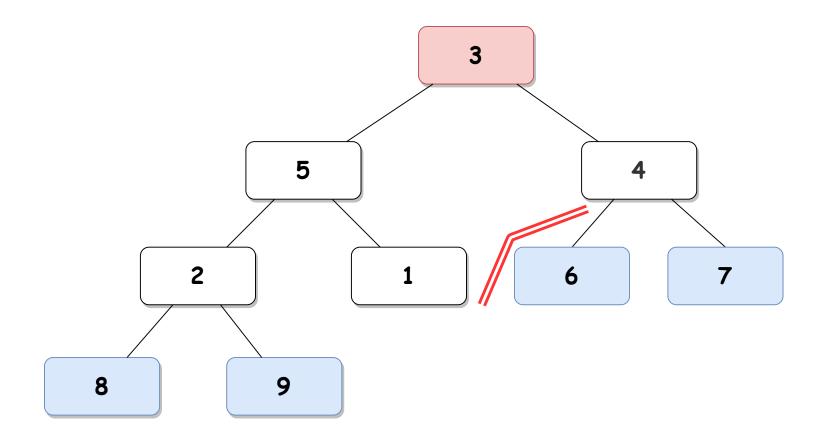


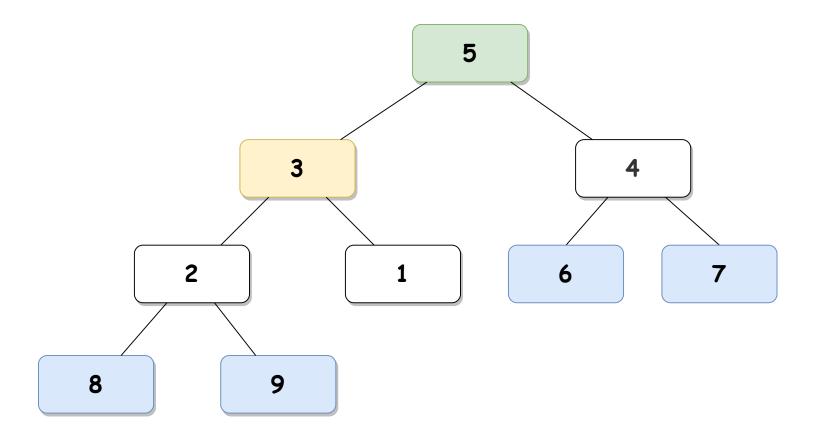
Меняем местами

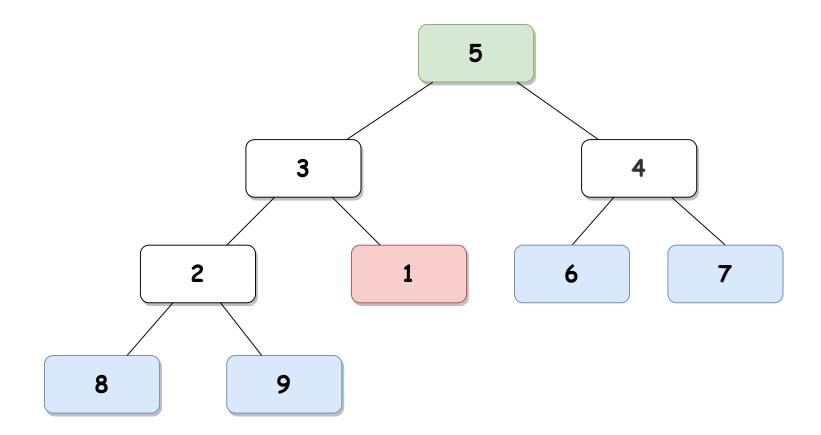


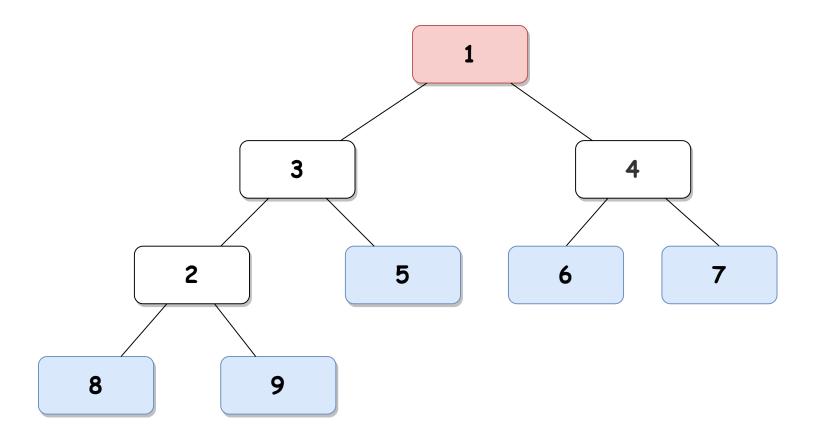


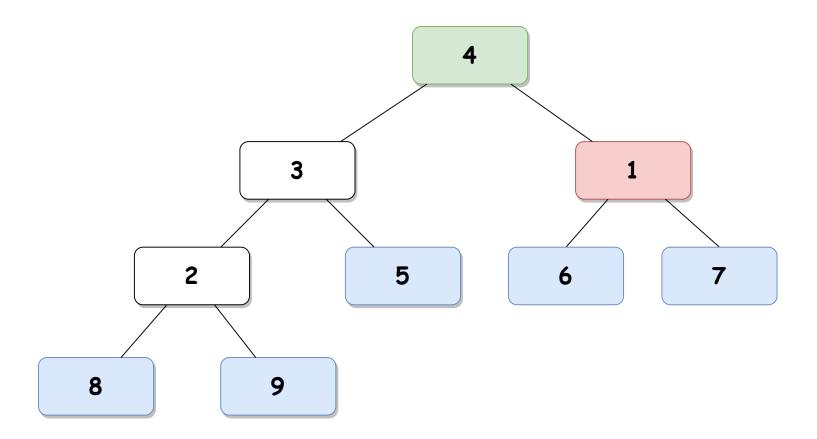


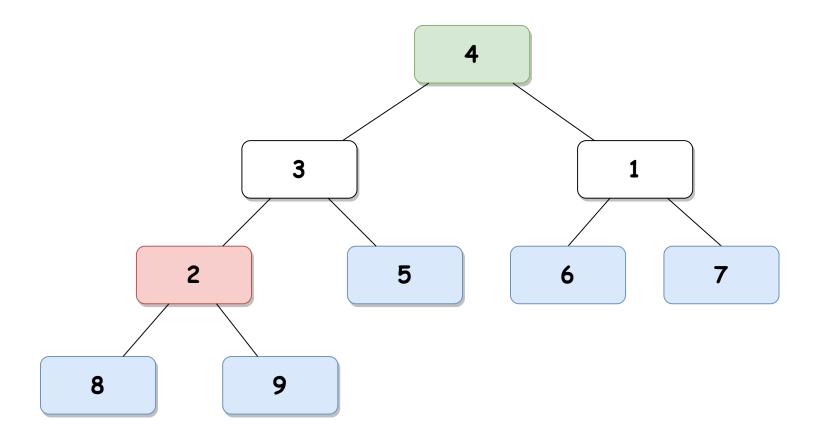


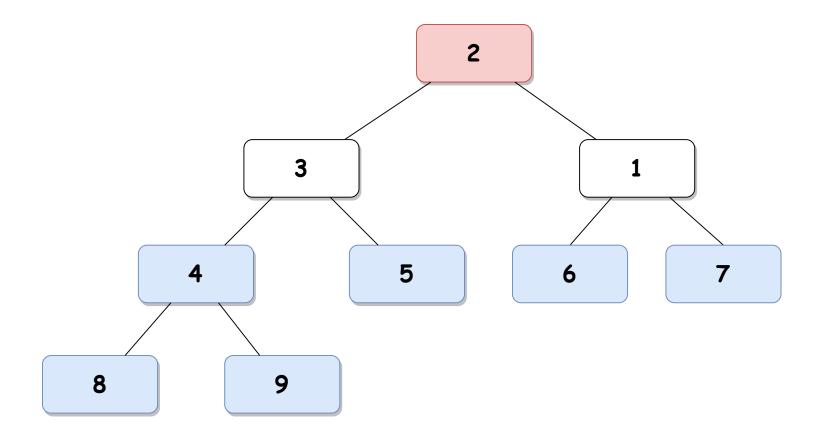


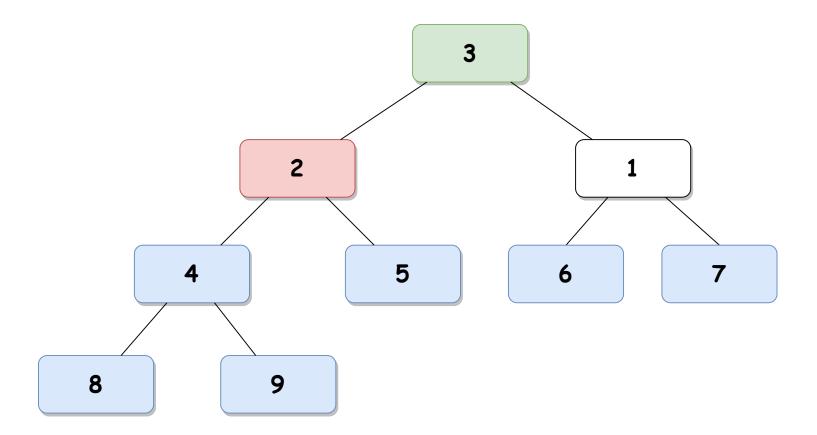


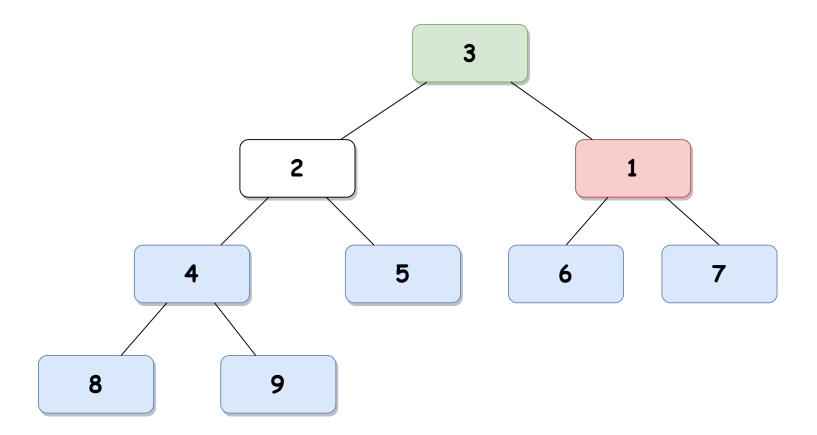


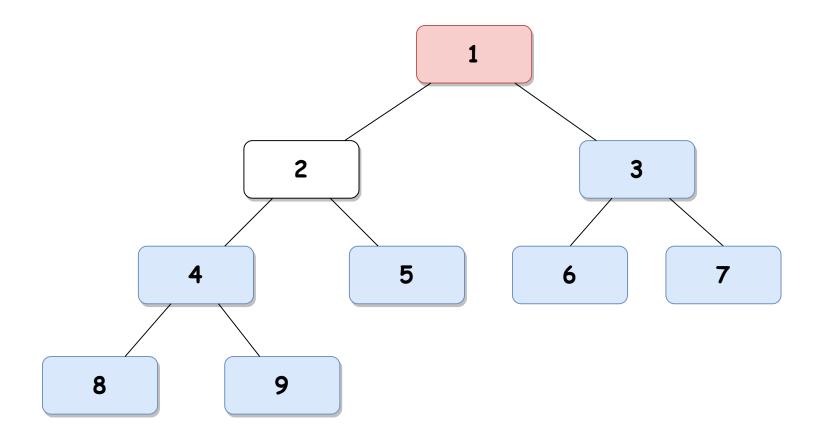


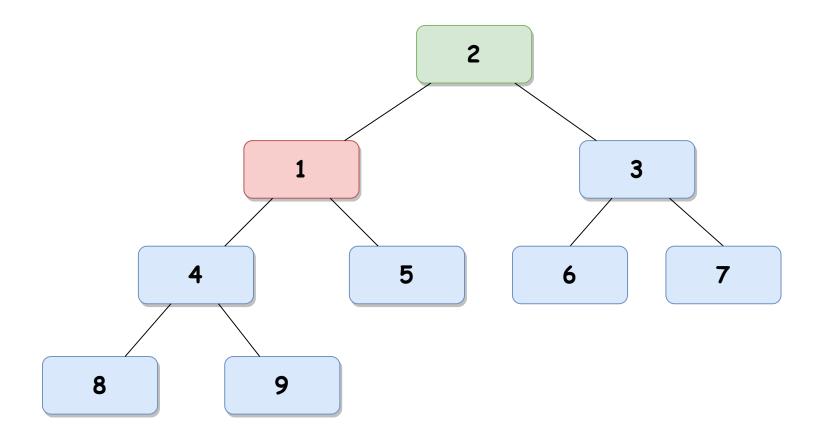


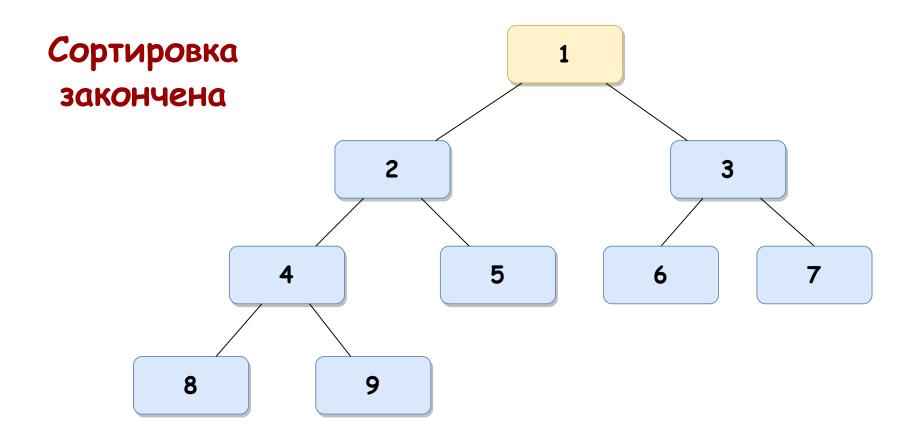












Отсортированный массив

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

Как построить кучу

Поиск родителя: i => (i-1) // 2

	3	4	2	5	1	7			
	Шаги построения максимальной кучи								
	0	1	2	3	4	5			
	3								
	3	4							
	4	3							
	4	3	2						
	4	3	2	5					
	4	5	2	3					
	5	4	2	3					
\	5	4	2	3	1				
/	5	4	2	3	1	7			
	5	4	7	3	1	2			
	7	4	5	3	1	2			