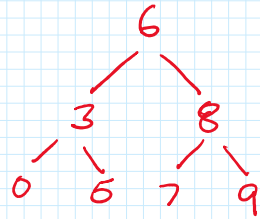
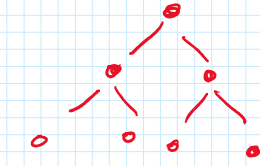
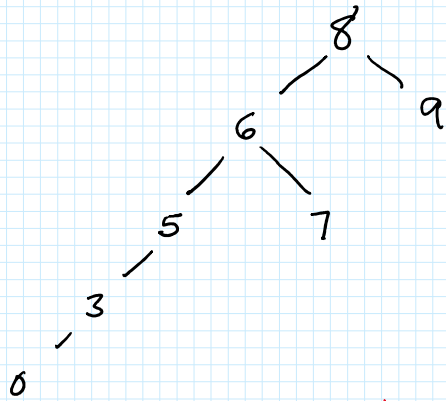
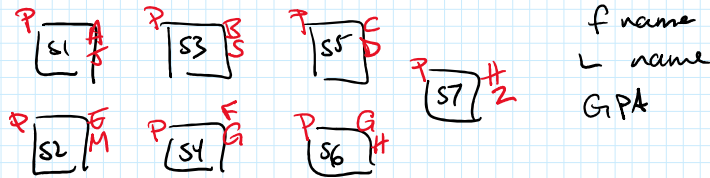


8 6 7 5 3 0 9

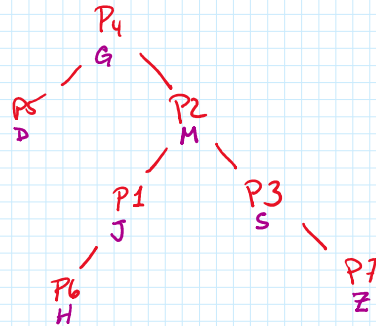
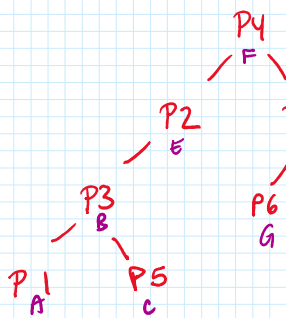


given tree has  $N$  items

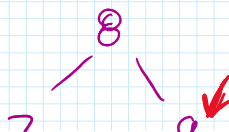
worst case	$O(N)$	$O(N)$
expected case (ideal)	$O(\log_2 N)$	$O(\log_2 N)$
	search	insert



4, 2, 3, 1, 7, 6, 5

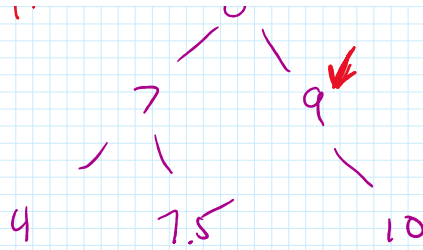


currptr



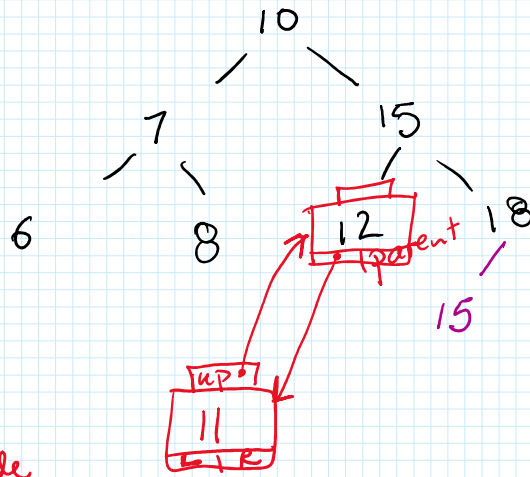
insert 8.5

unlabeled



insert 8.5

L  
Pr  
R



11

newNode  
→ parent = parent node

parent node  
→ left = newNode  
→ right

new  
Node

6  
7  
8  
10  
11  
12  
15  
18