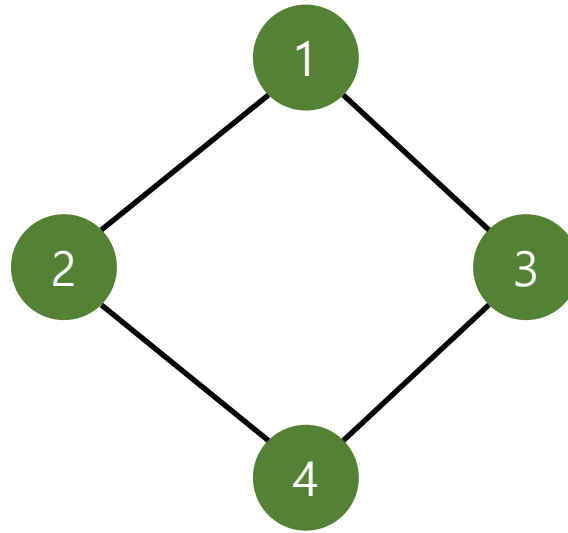
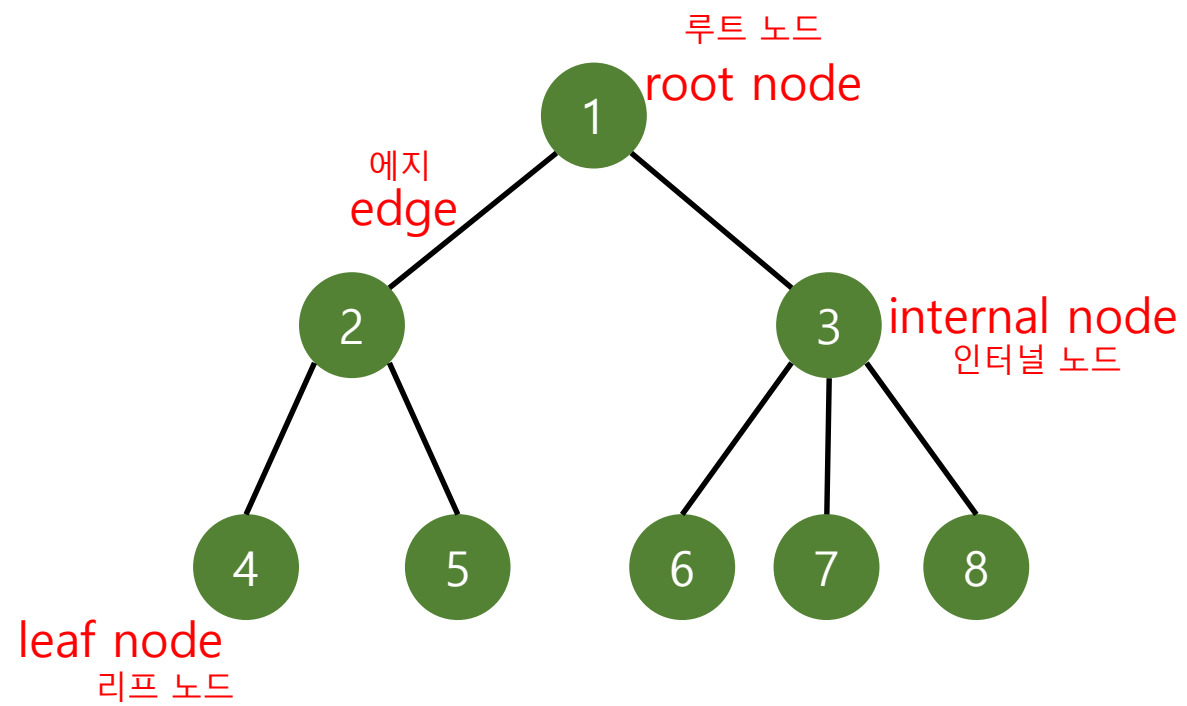


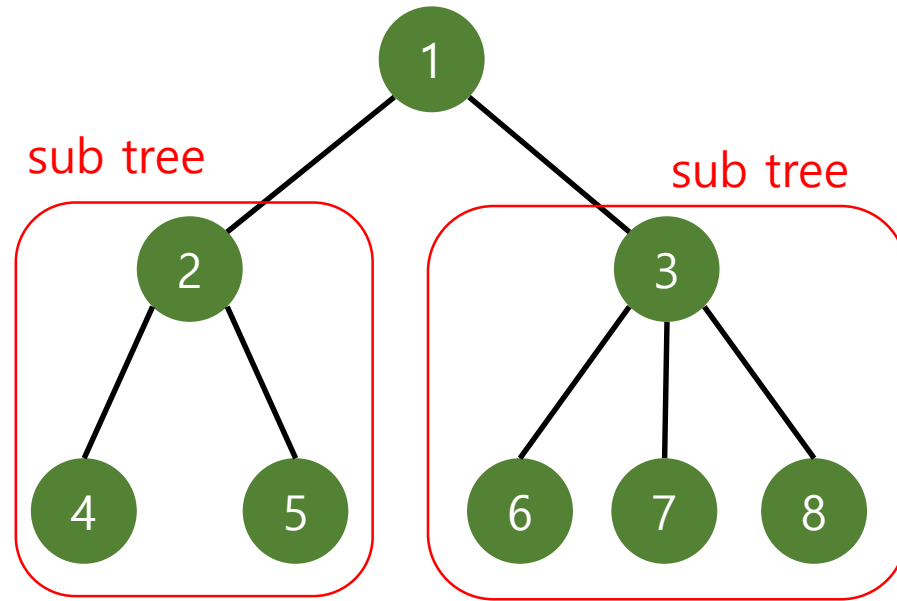
Data structure

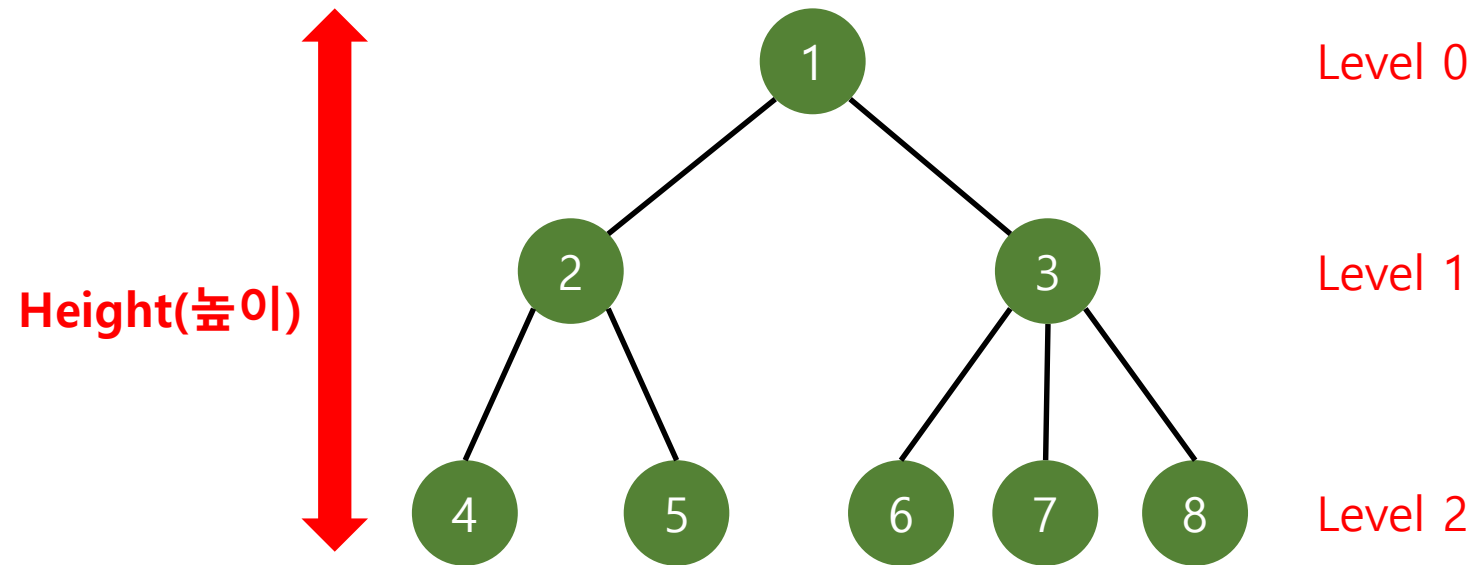
Binary Search Tree

사이클

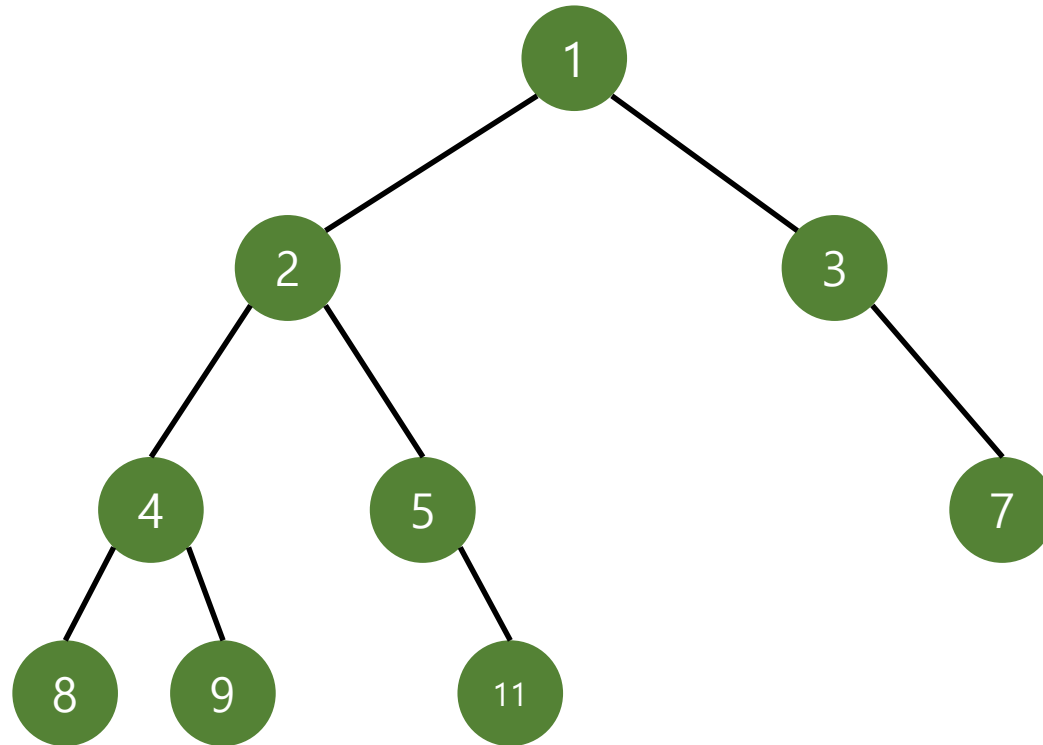




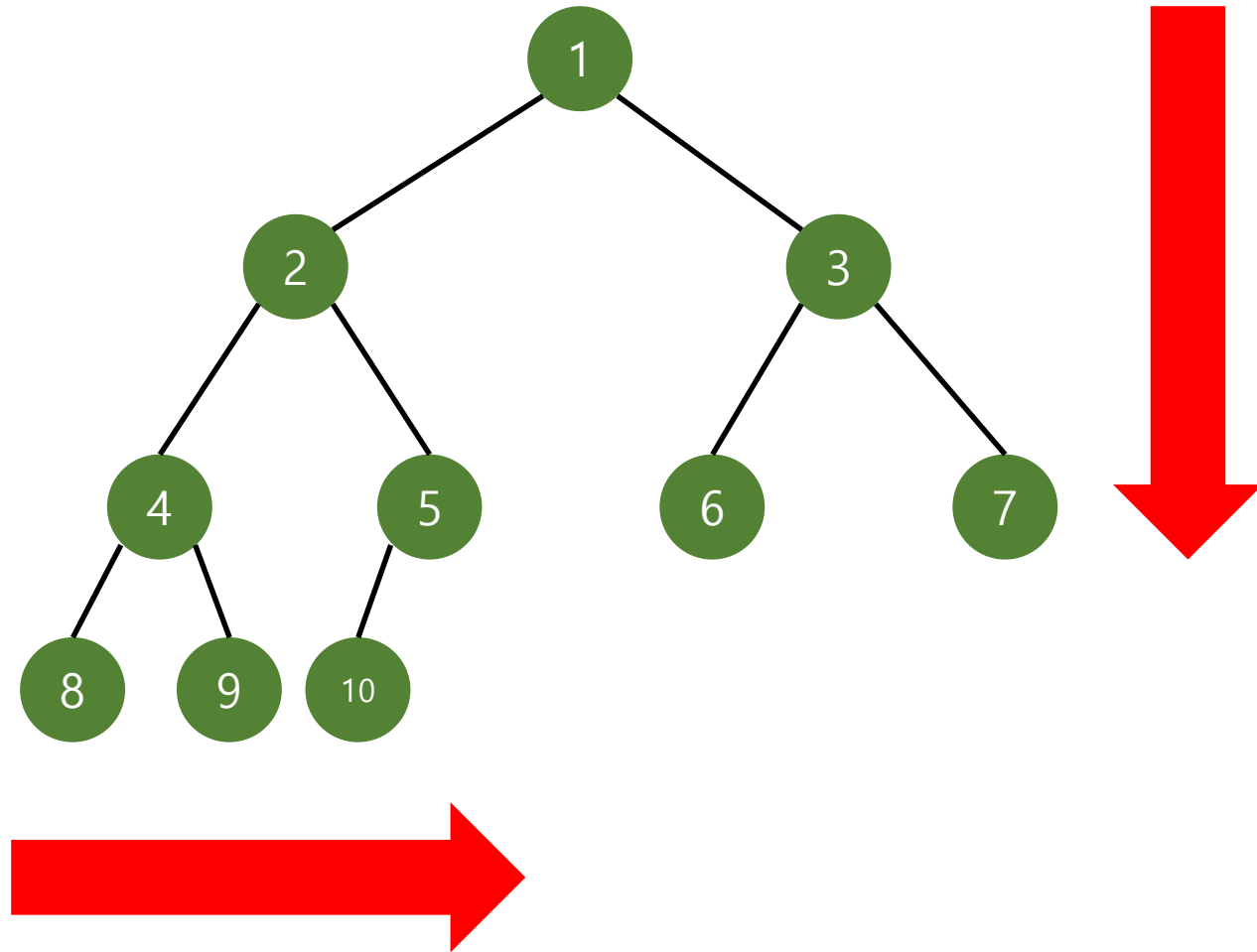




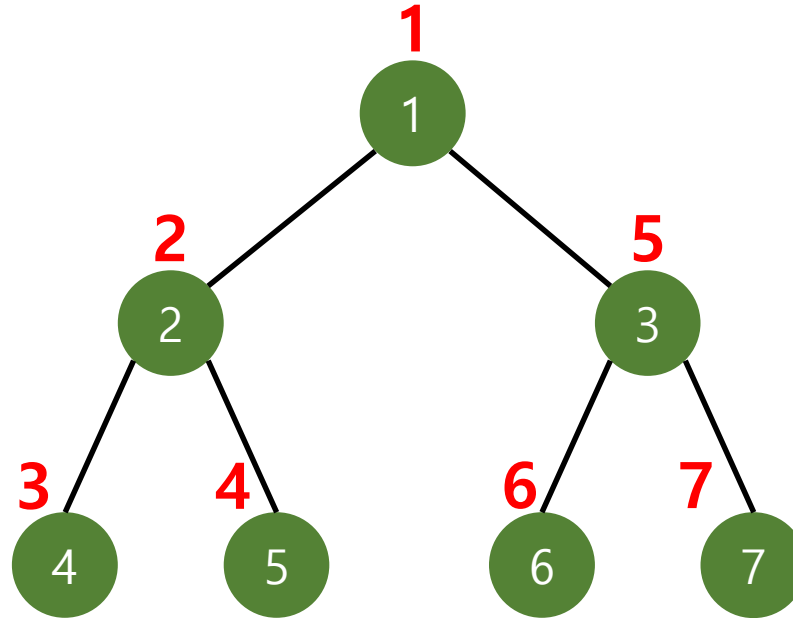
이진 트리
: 자식 노드가 최대 2개



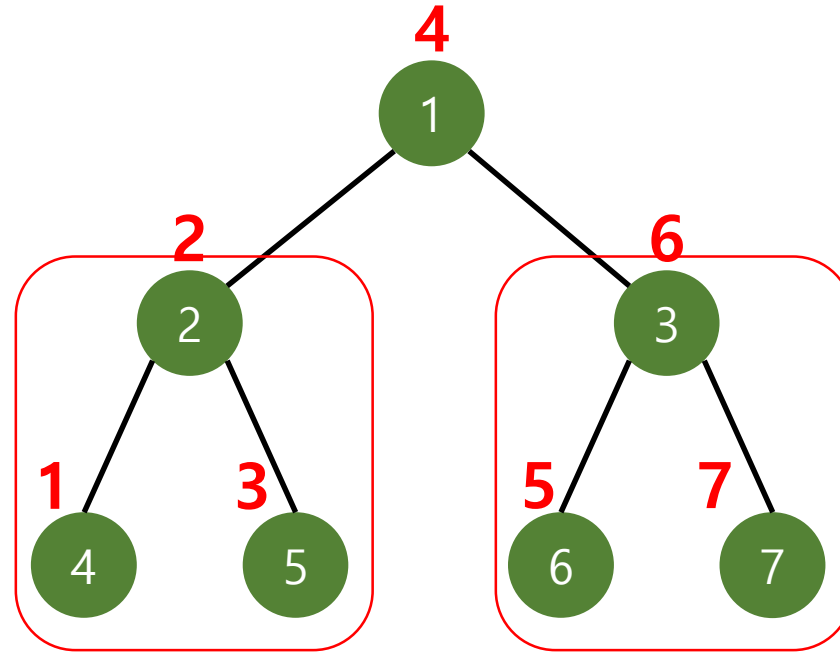
완전 이진 트리



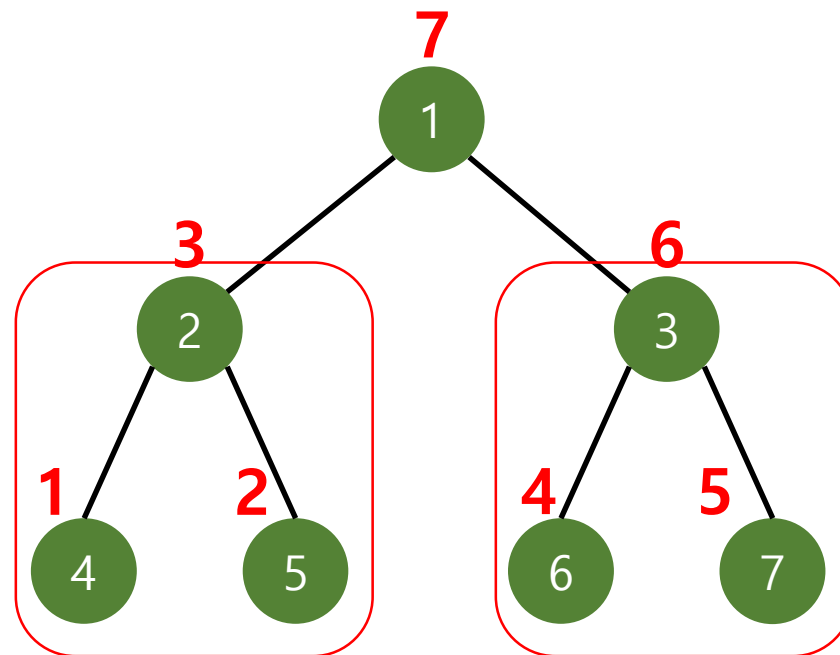
전위 순회



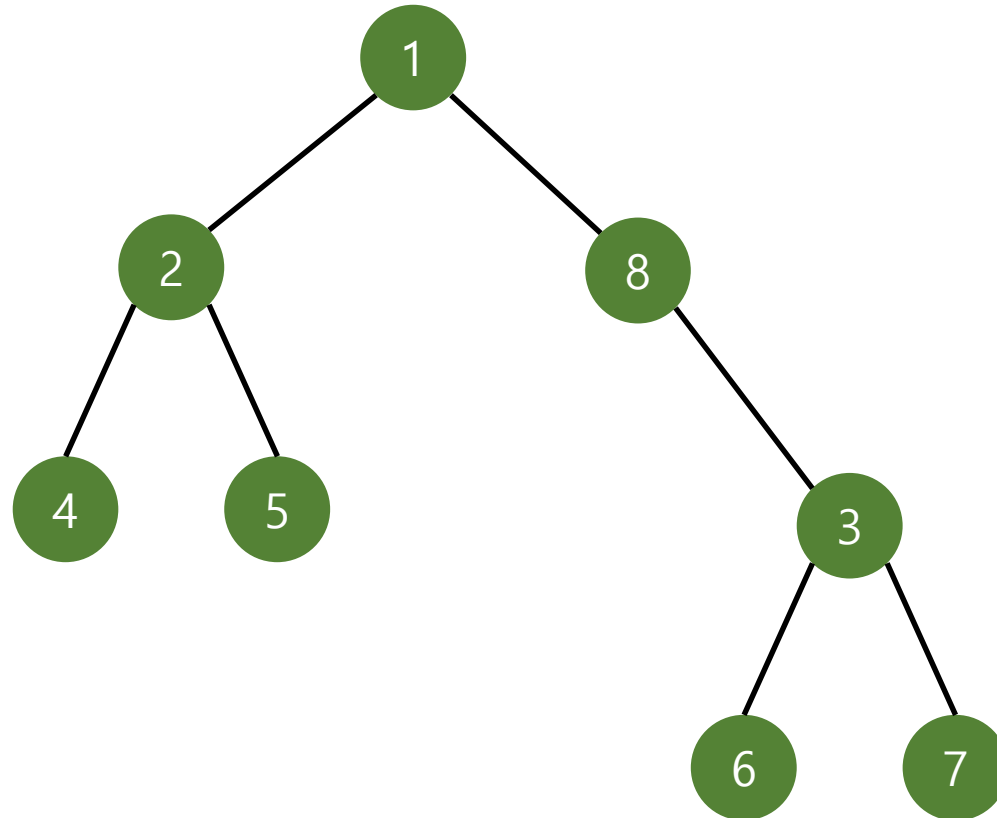
중위 순회



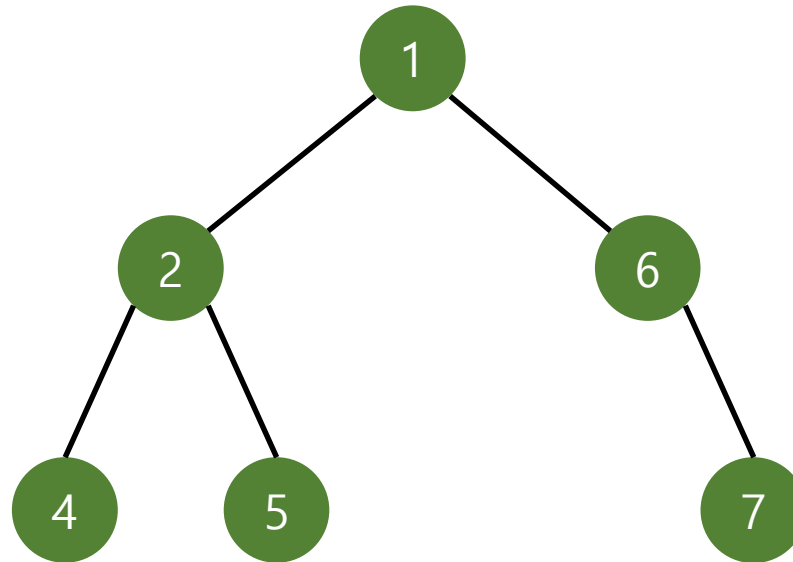
후위 순회



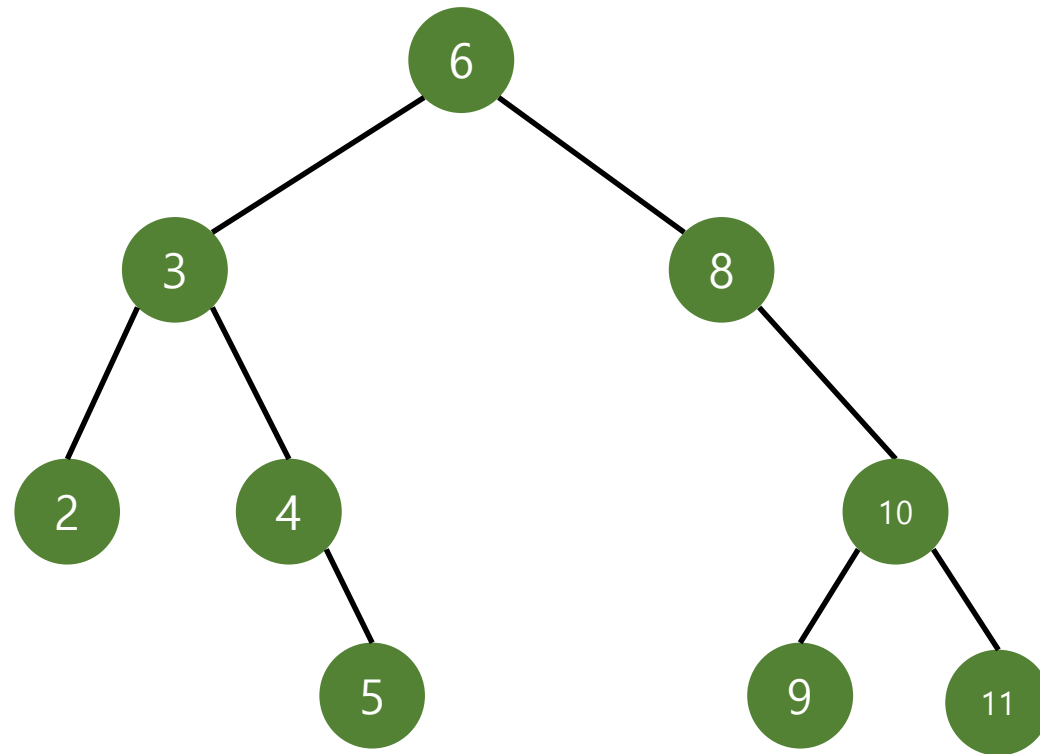
노드 삽입

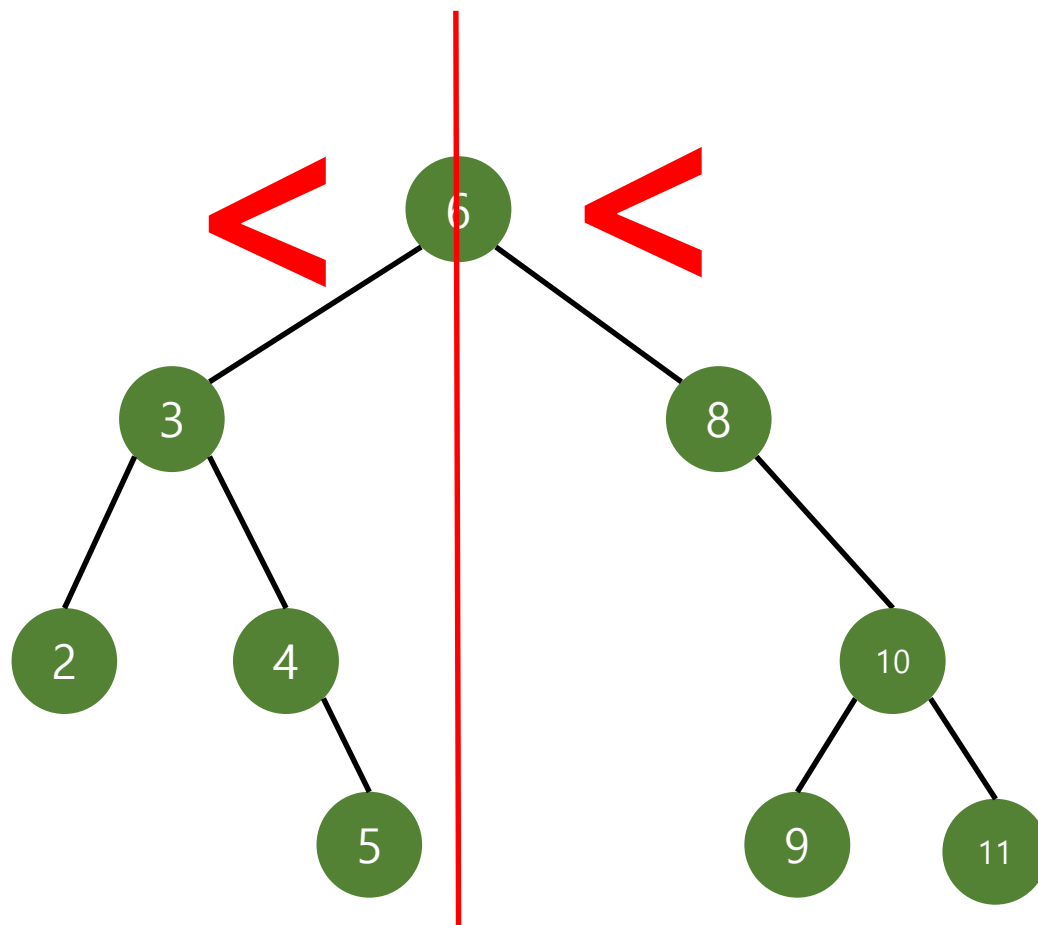


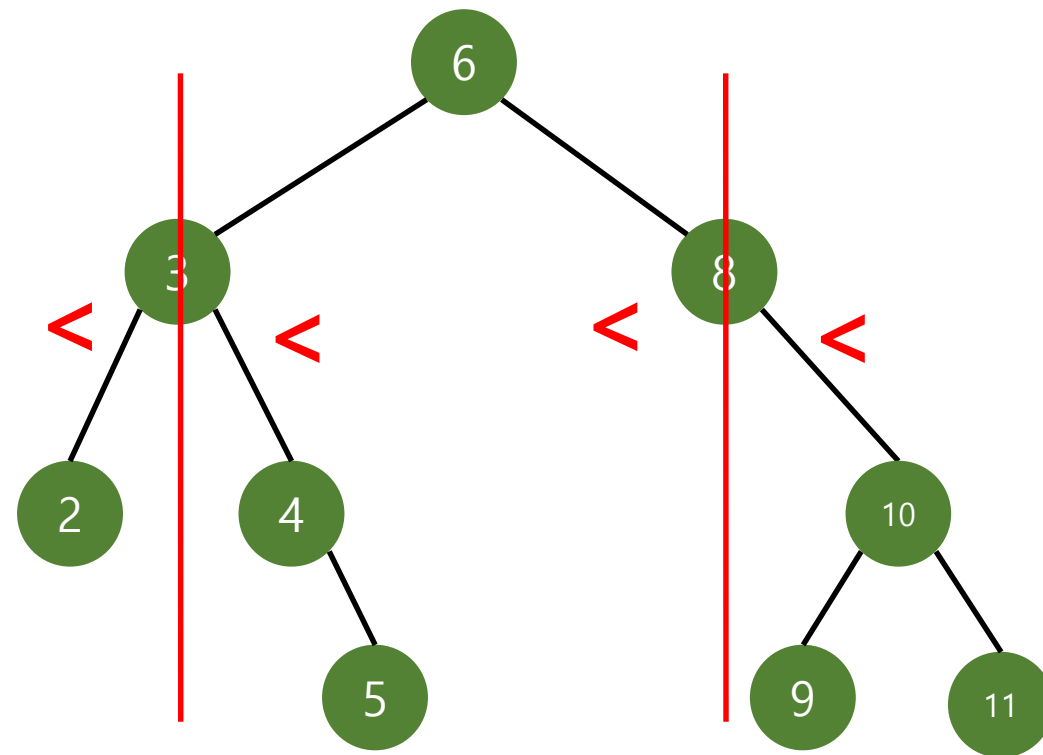
노드 삭제



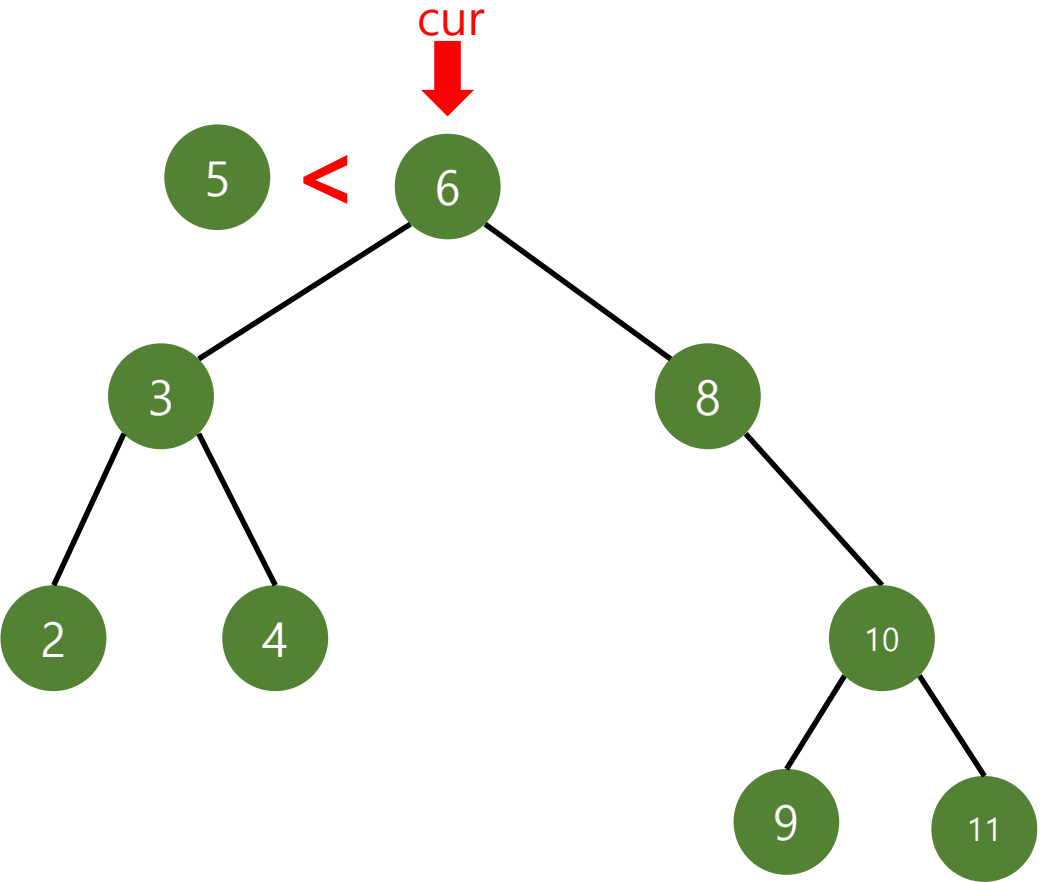
BST



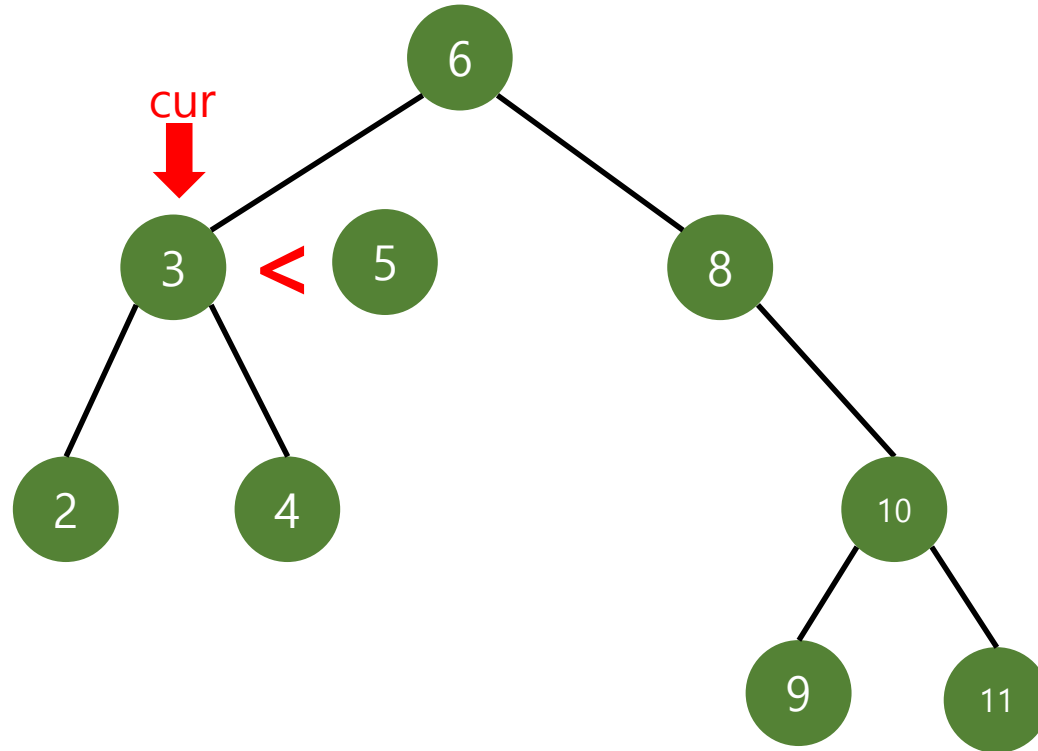




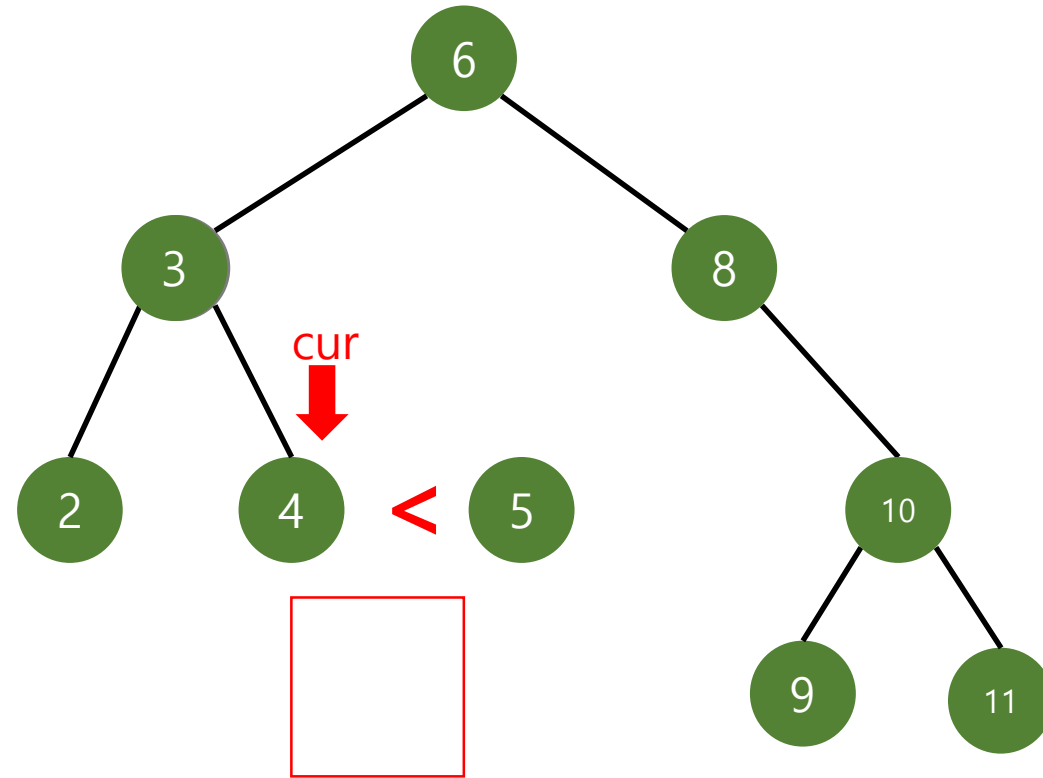
Insert - 1



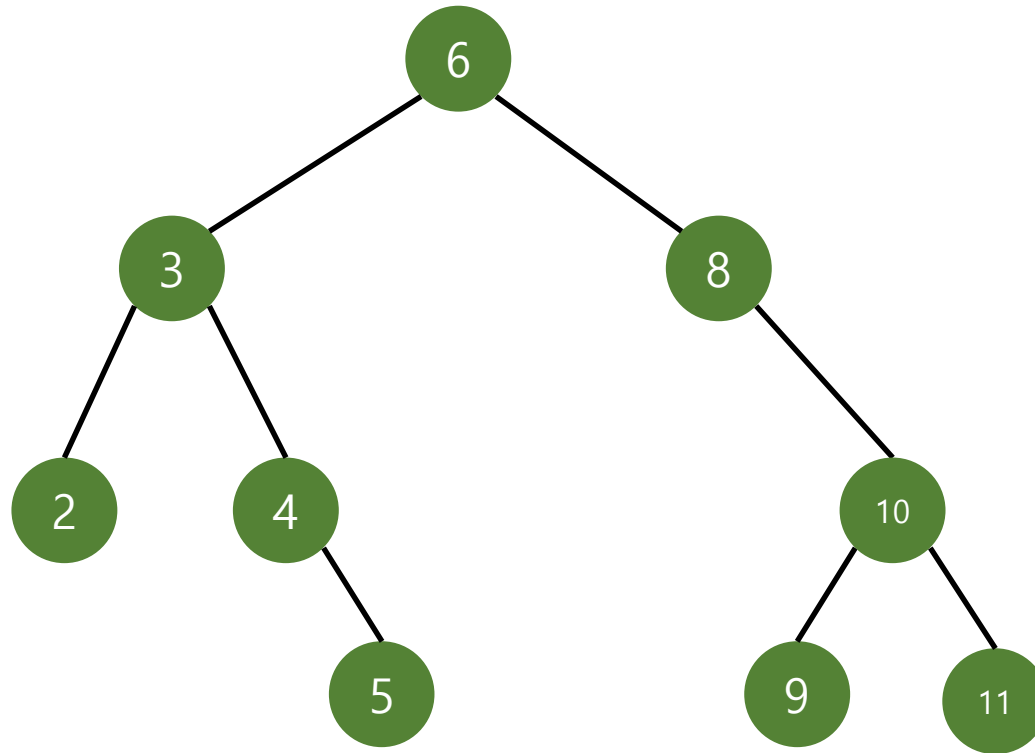
Insert - 2



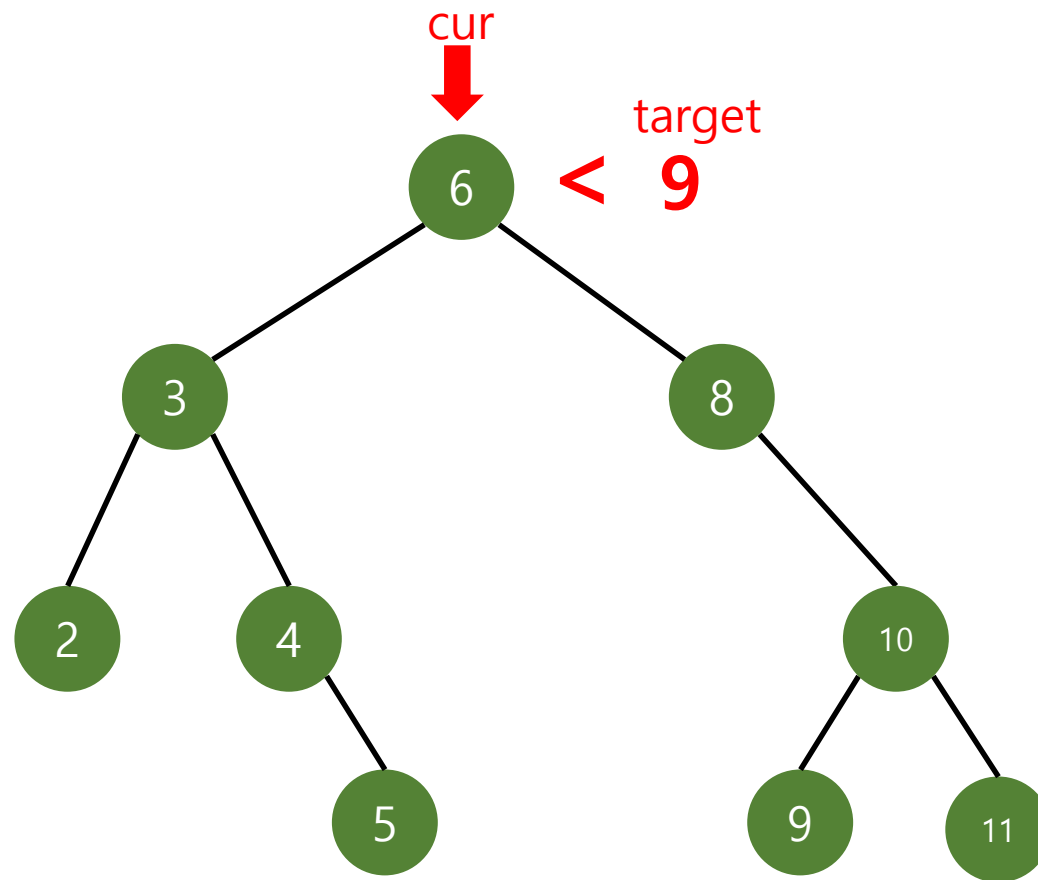
Insert - 3



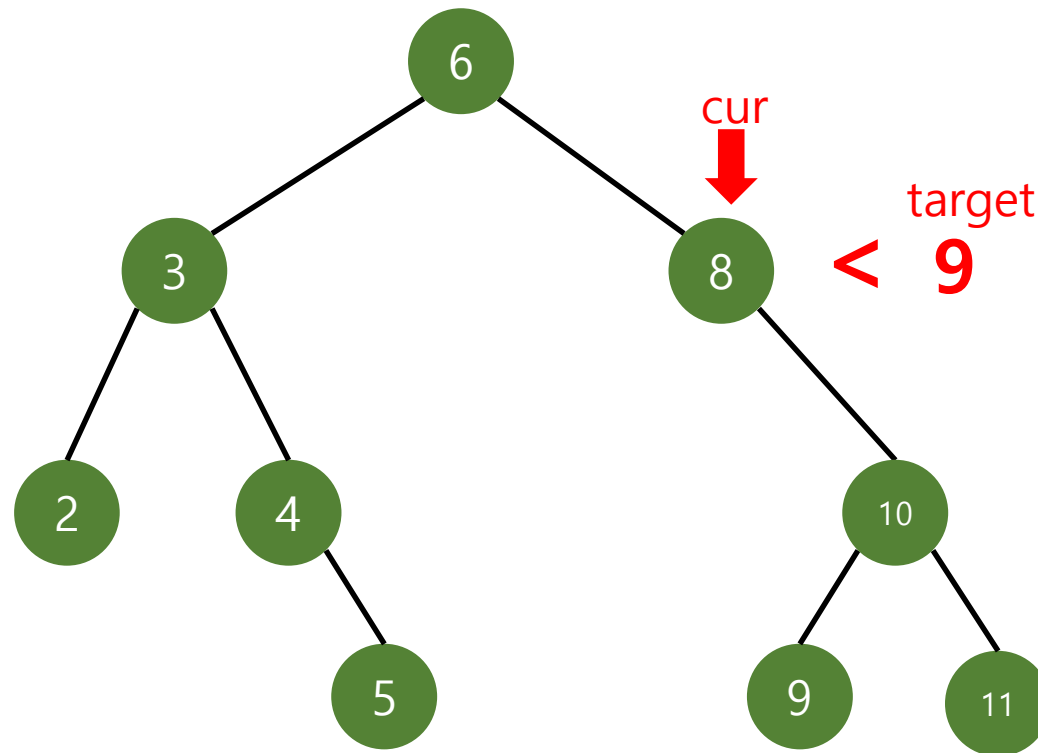
Insert - 4



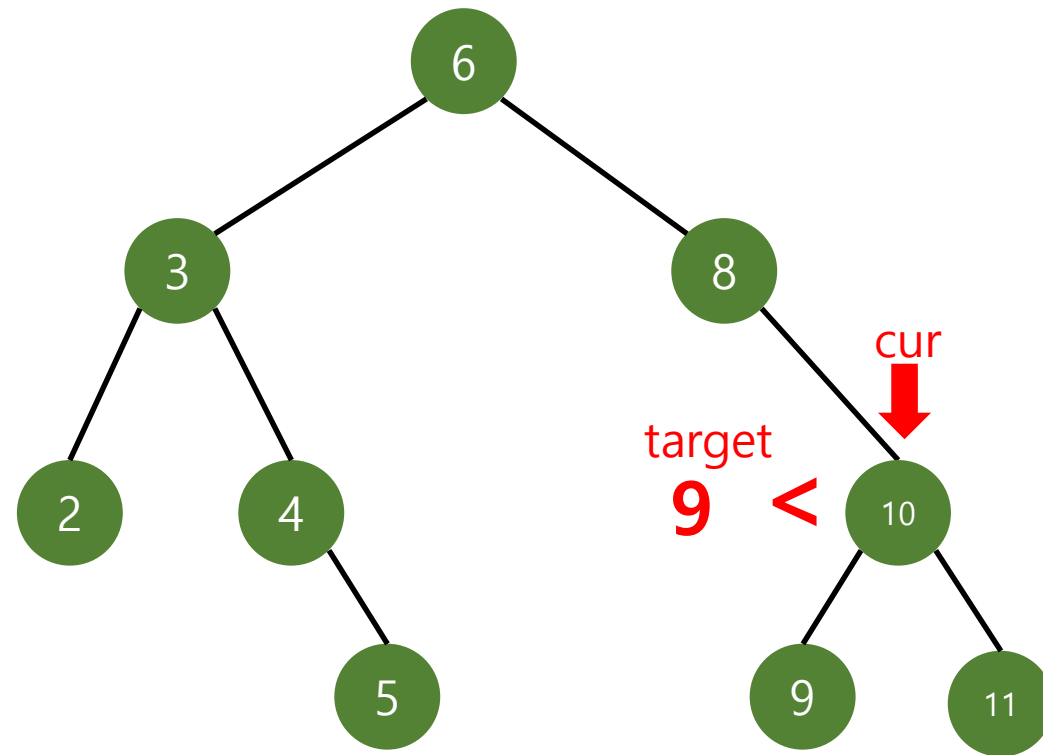
search - 1



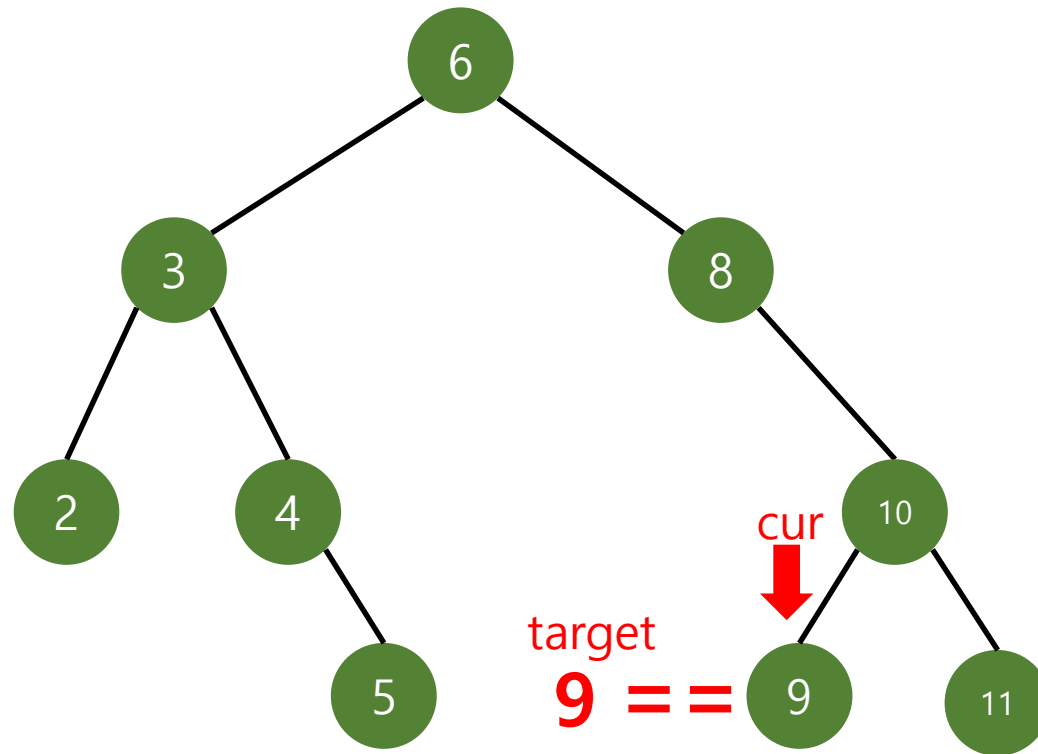
search - 2



search - 3



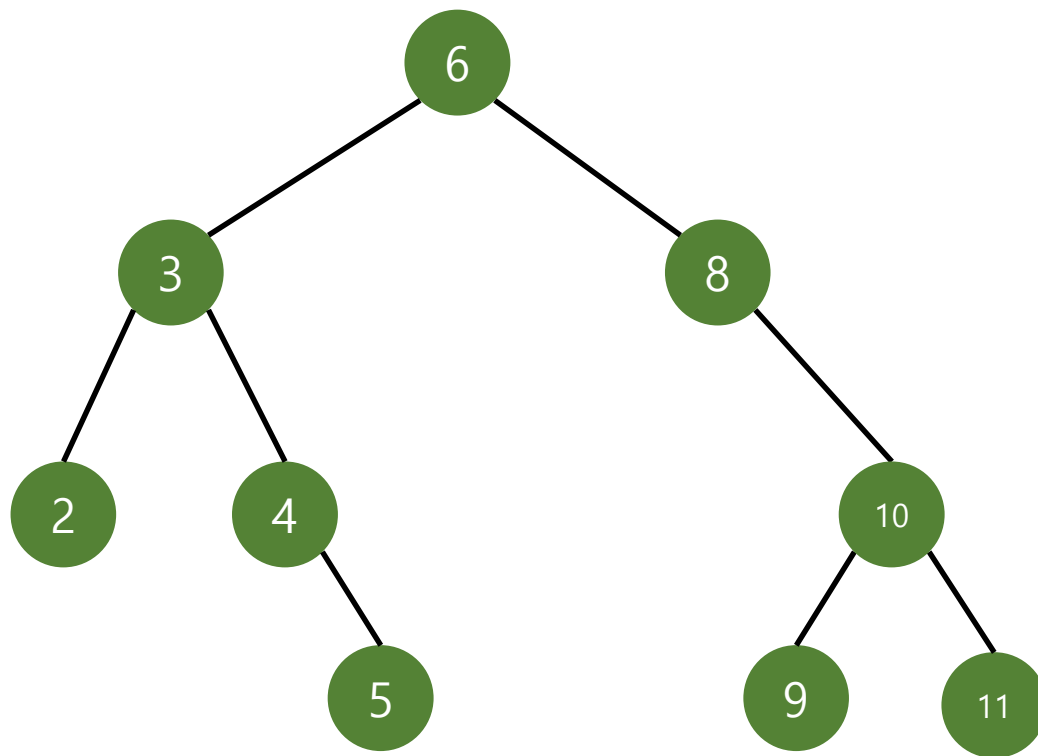
search - 4



remove

노드를 지울 때 3가지 상황

1. 지울 노드가 단말 노드
2. 자식 노드가 하나일 때
3. 자식 노드가 둘일 때



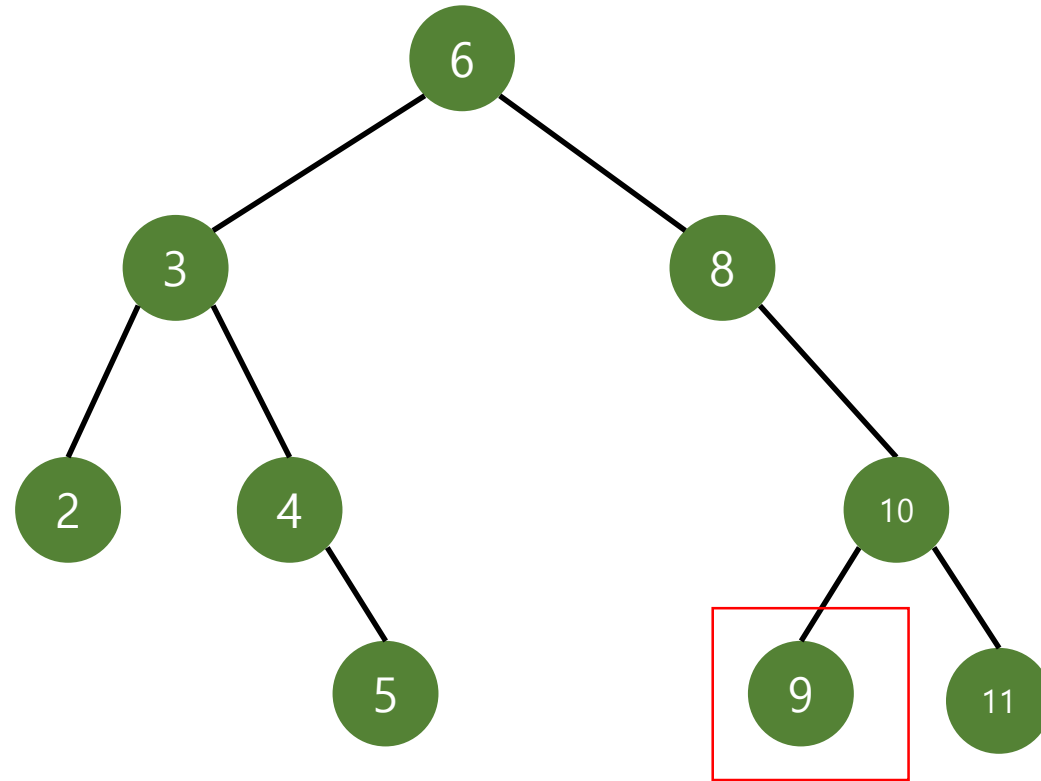
노드를 지울 때 3가지 상황

remove

1. 지울 노드가 단말 노드

2. 자식 노드가 하나일 때

3. 자식 노드가 둘일 때



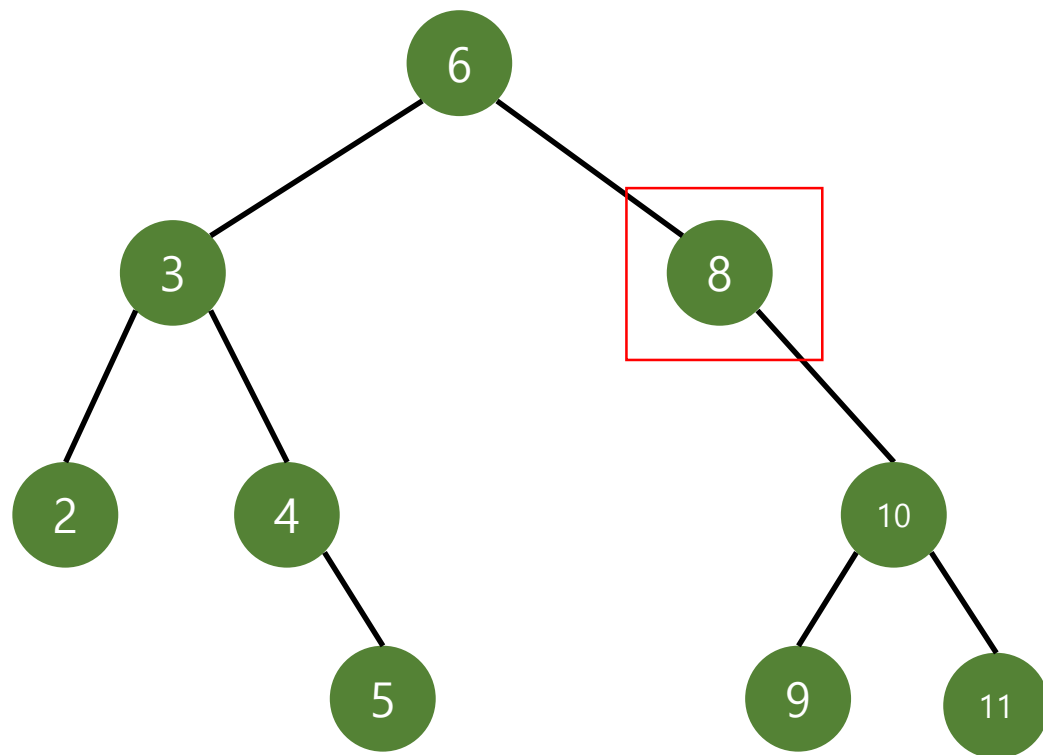
노드를 지울 때 3가지 상황

1. 지울 노드가 단말 노드

2. 자식 노드가 하나일 때

3. 자식 노드가 둘일 때

remove



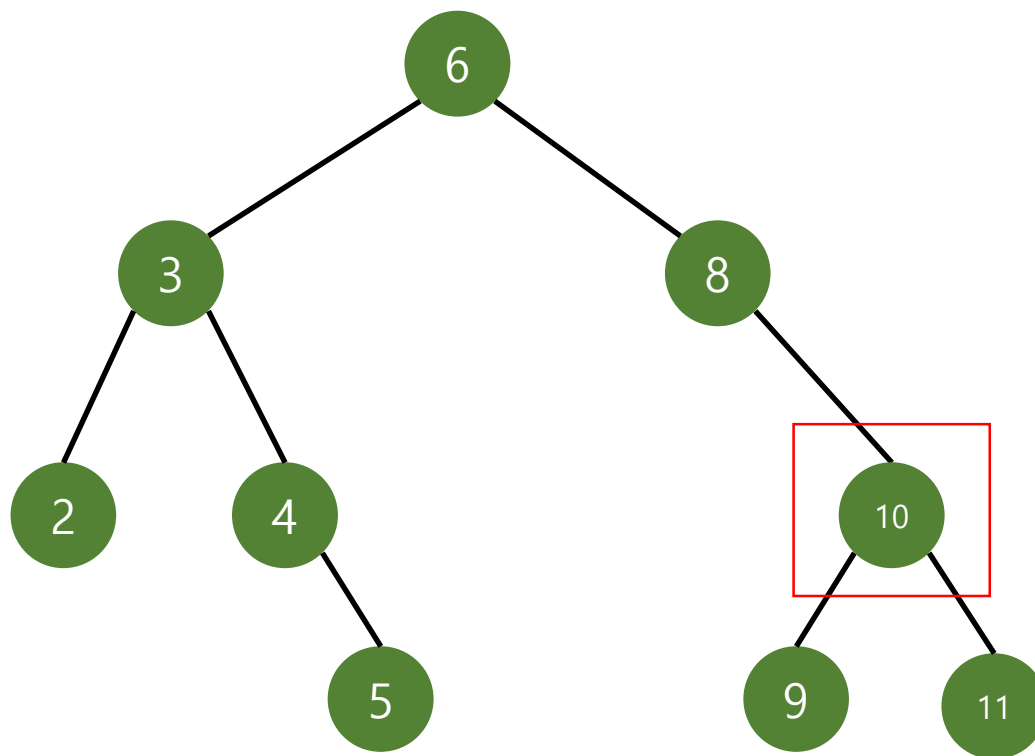
remove

노드를 지울 때 3가지 상황

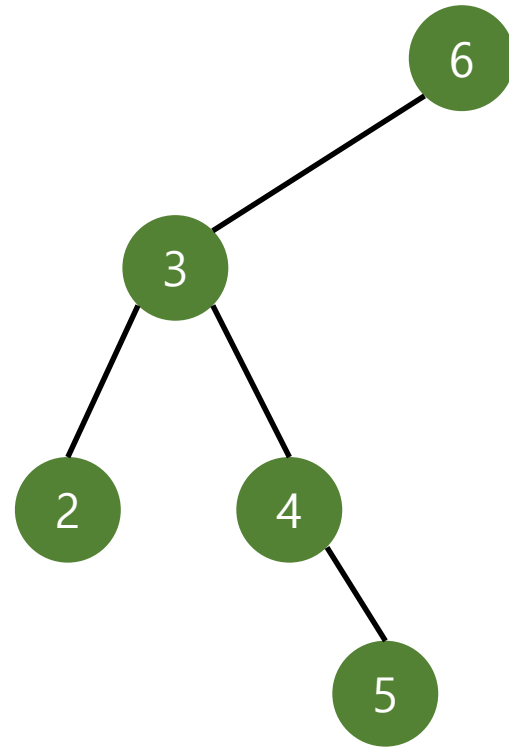
1. 지울 노드가 단말 노드

2. 자식 노드가 하나일 때

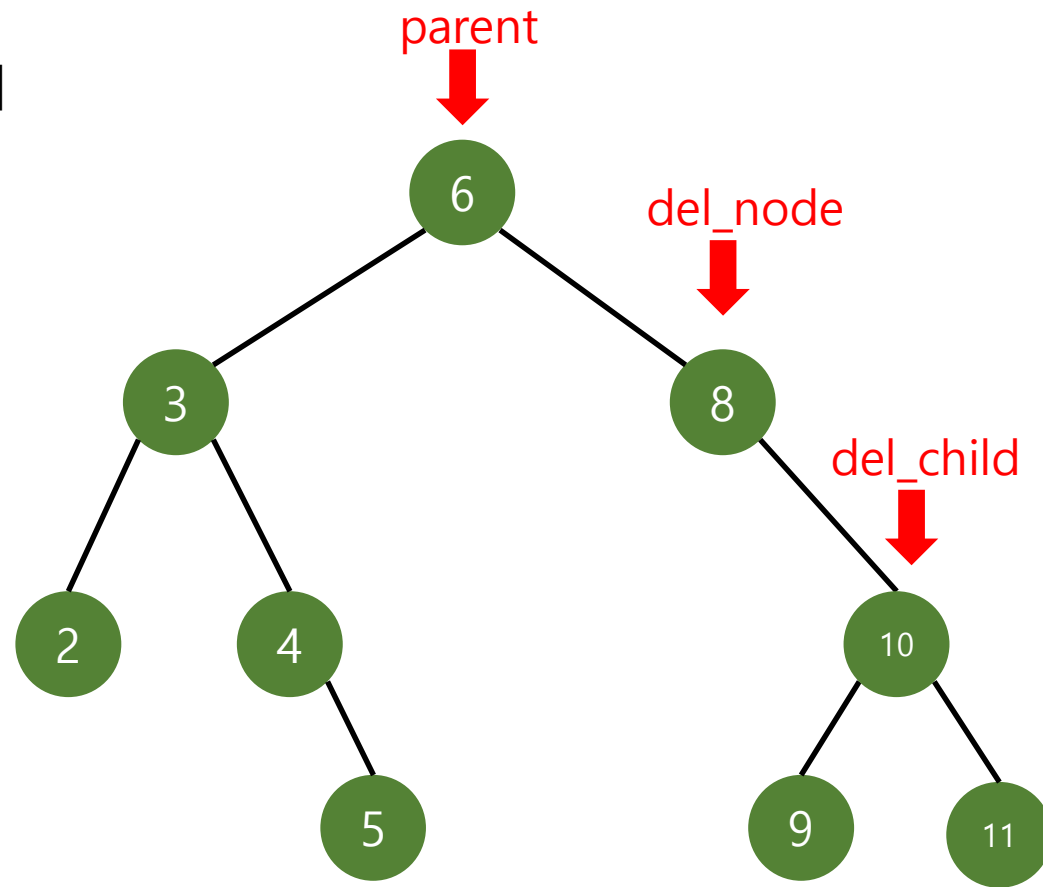
3. 자식 노드가 둘일 때



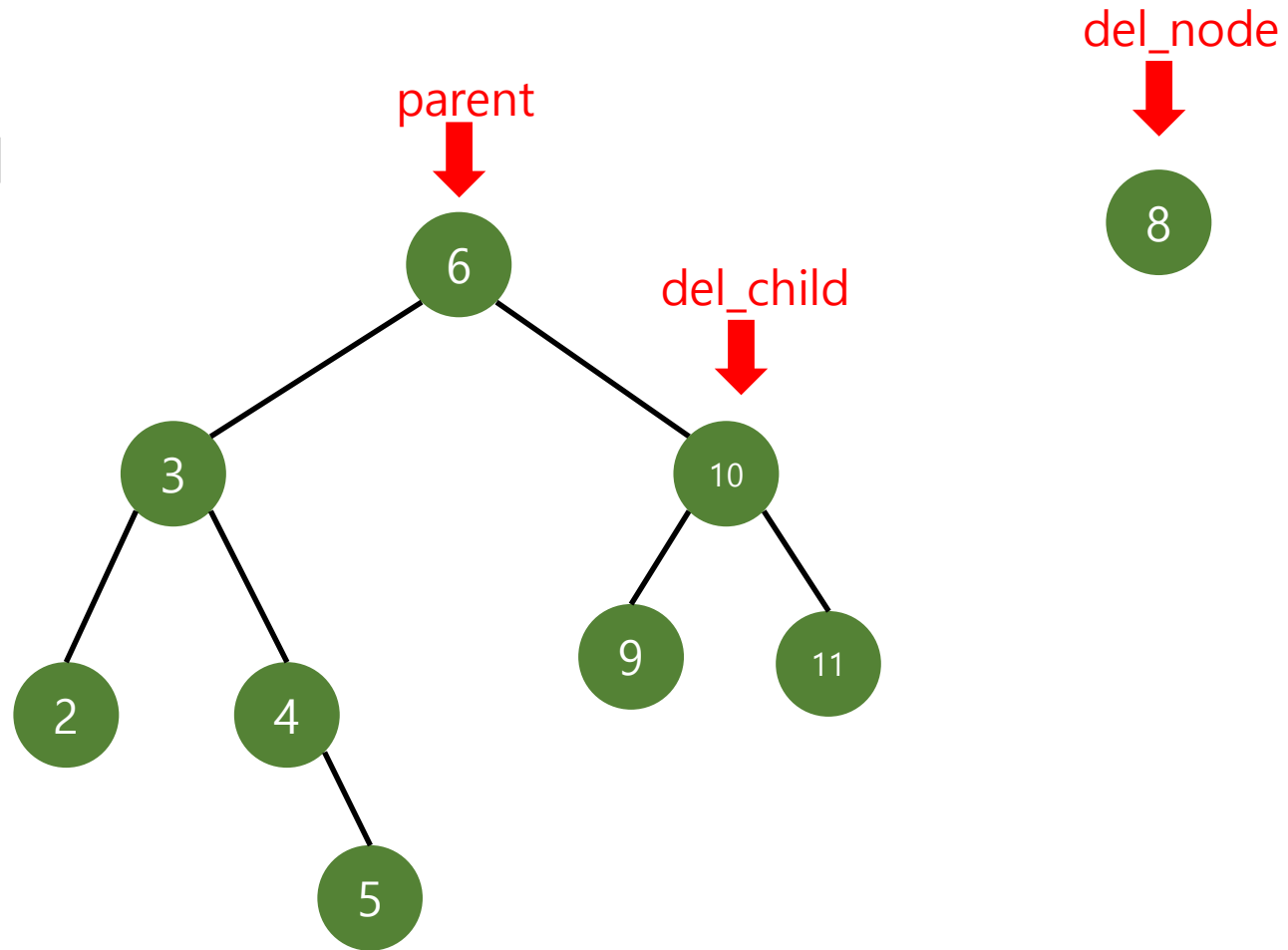
삭제 노드가 자식 노드가 하나인
루트 노드일 때



자식 노드가 하나일 때



자식 노드가 하나일 때



대체 노드

