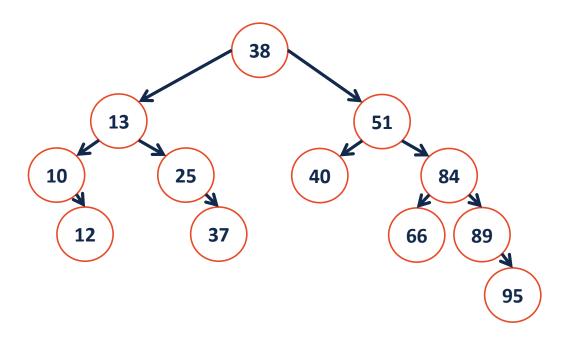
CS 225

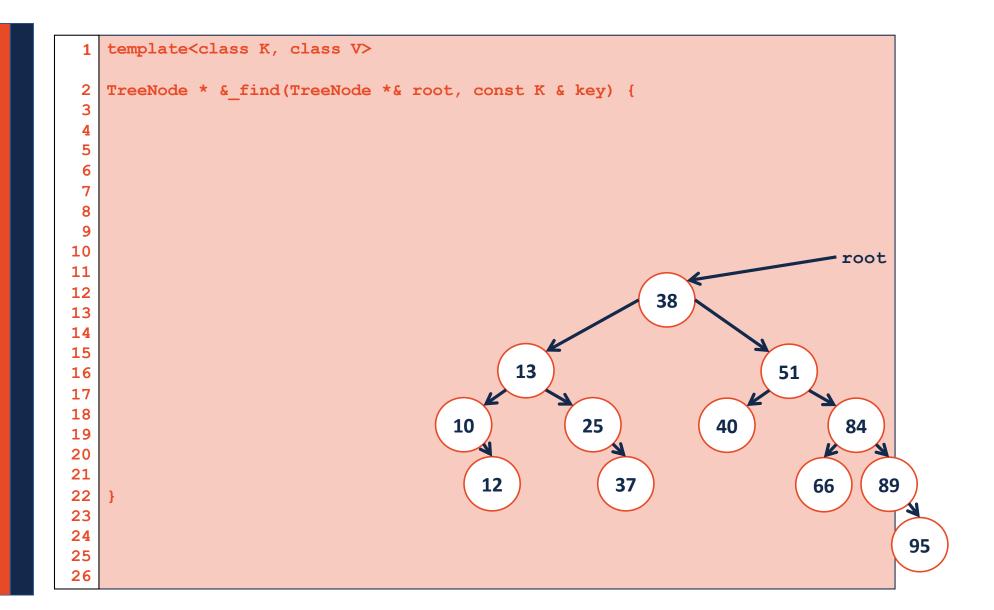
Data Structures

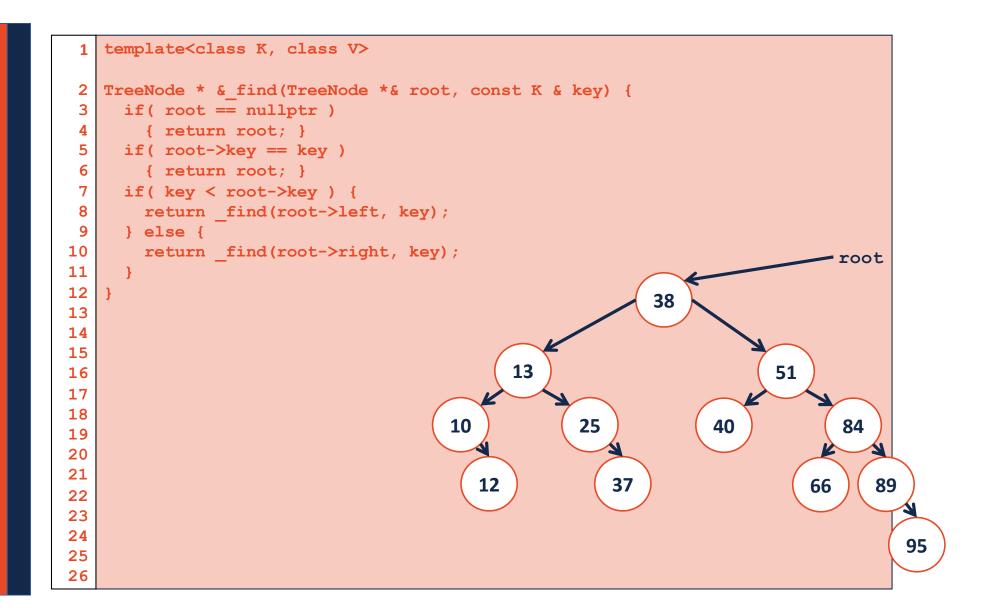
February 12 – BST Implementation G Carl Evans

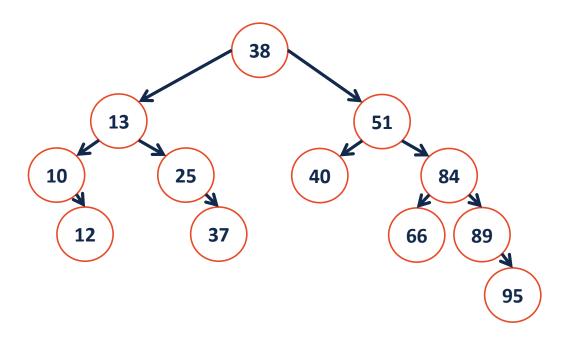
BST.h

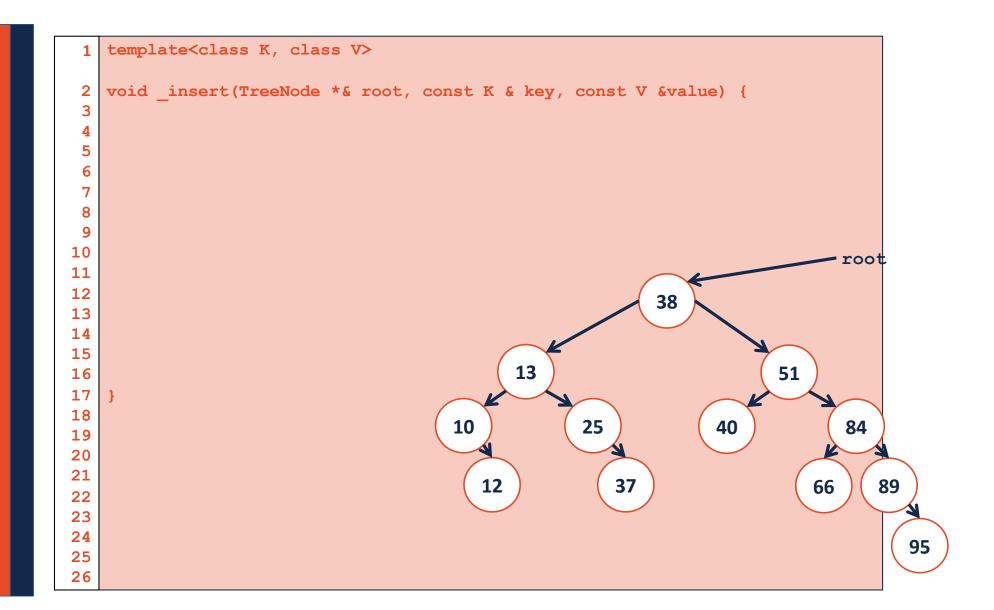
```
#pragma once
 2
   template <class K, class V>
   class BST {
     public:
 5
       BST();
       void insert(const K key, V value);
 8
       void remove(const K & key);
 9
       V find(const K & key) const;
10
       TreeIterator begin();
11
       TreeIterator end();
12
13
     private:
14
15
       struct TreeNode {
16
         TreeNode *left ;
17
         K key ;
18
         V value ;
         TreeNode *right ;
19
20
       };
21
       TreeNode *root ;
22 };
```

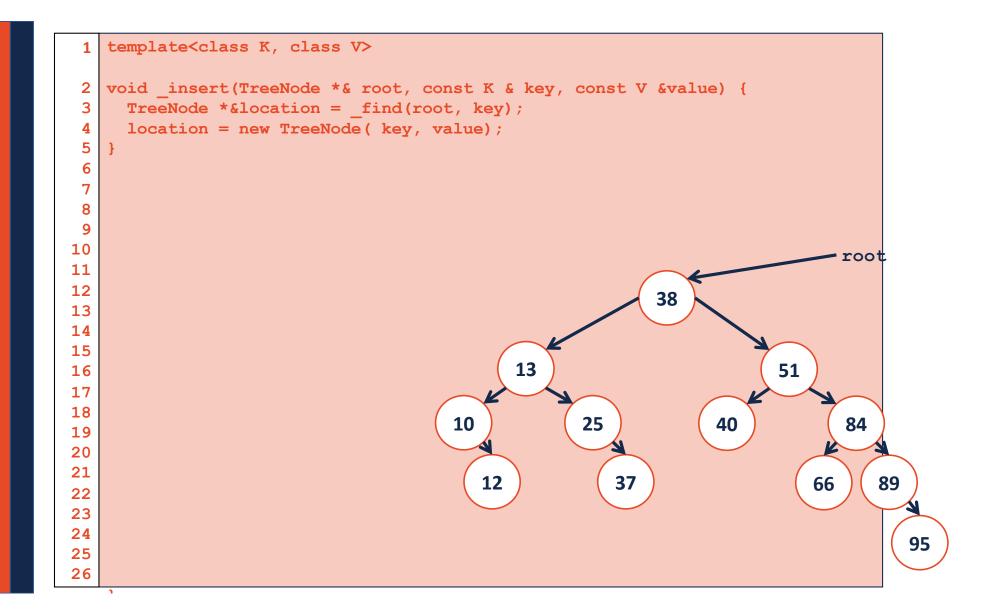


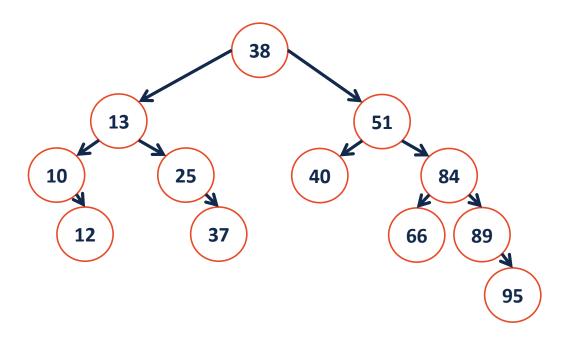


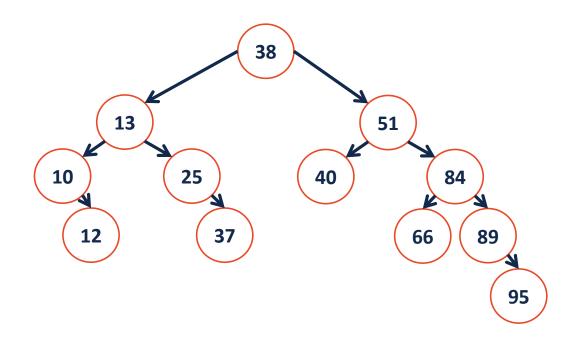




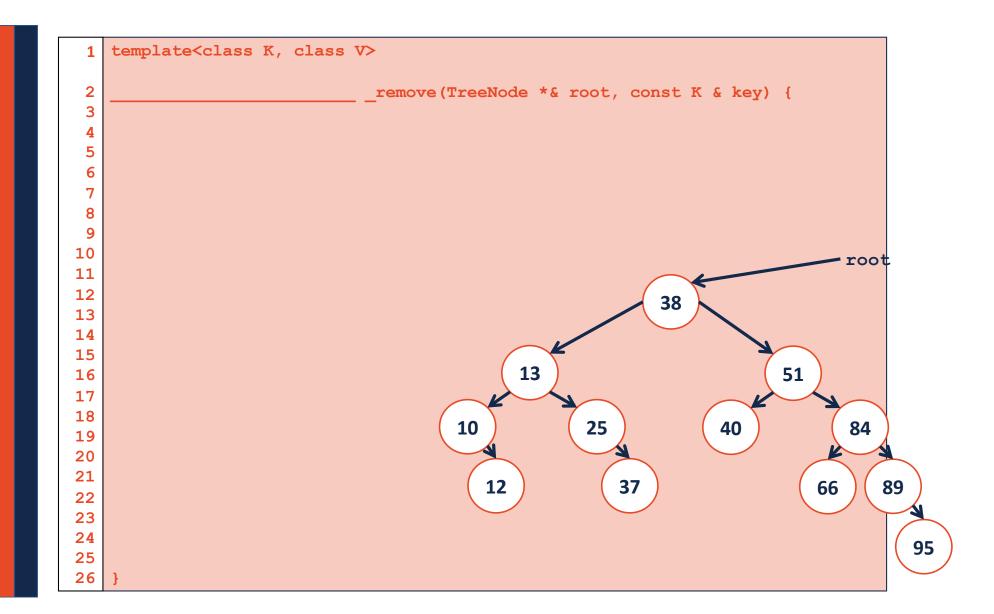


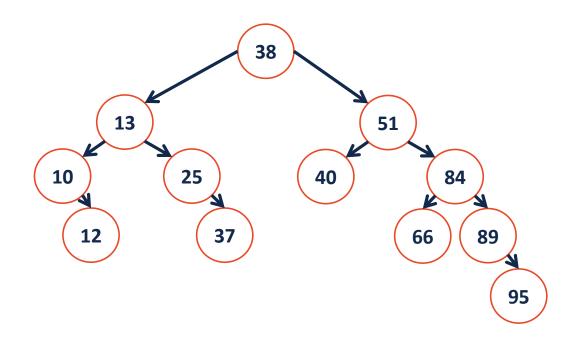




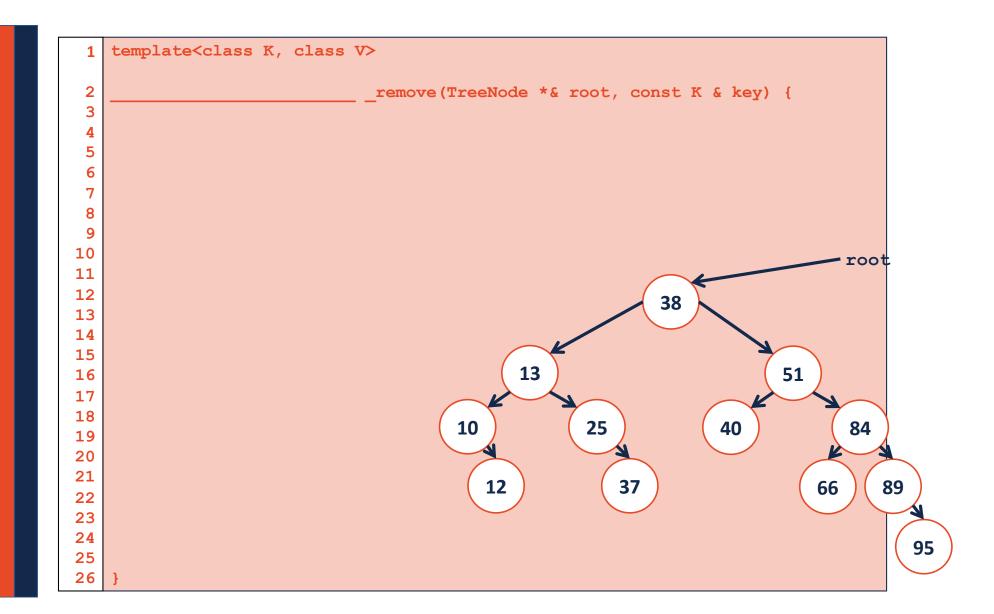


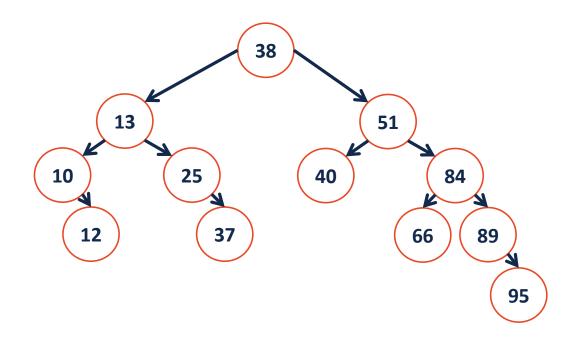
remove(40);



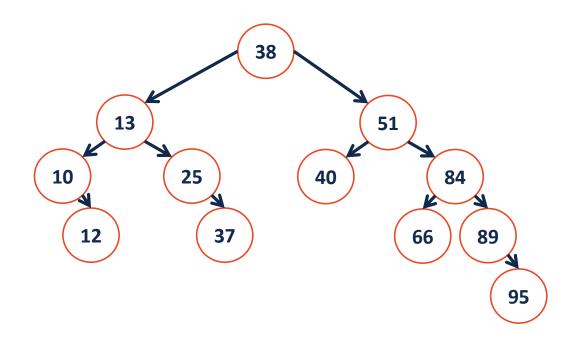


remove(25);





remove(10);



remove(13);

