#16: A Tree Proof
October 4, 2017
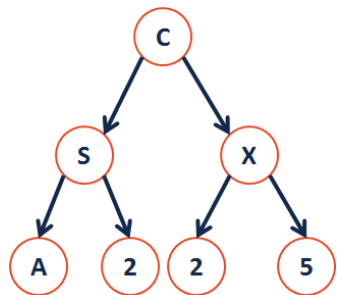
Tree Property: Perfect
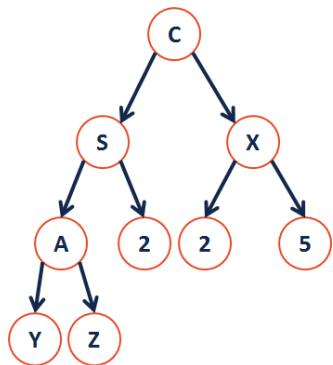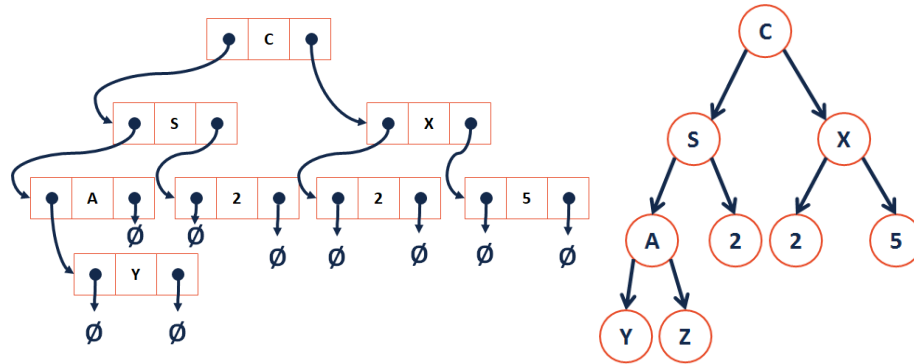

Tree Class

QueueIter.h

```
1   #ifndef BINARYTREE_H
2   #define BINARYTREE_H
3
4   template <class T>
5   class BinaryTree {
6     public:
7
8       /* ... */
9
10    private:
11
12
13
14
15
16
17
18  };
19  #endif
```
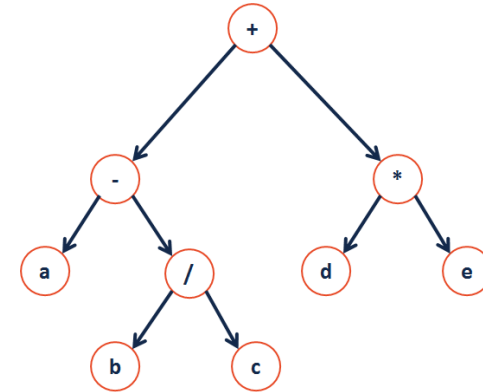
Tree Property: Complete

Trees are nothing new:

Theorem: If there are n data items in our representation of a binary tree, then there are _____ NULL pointers.

Traversals: