

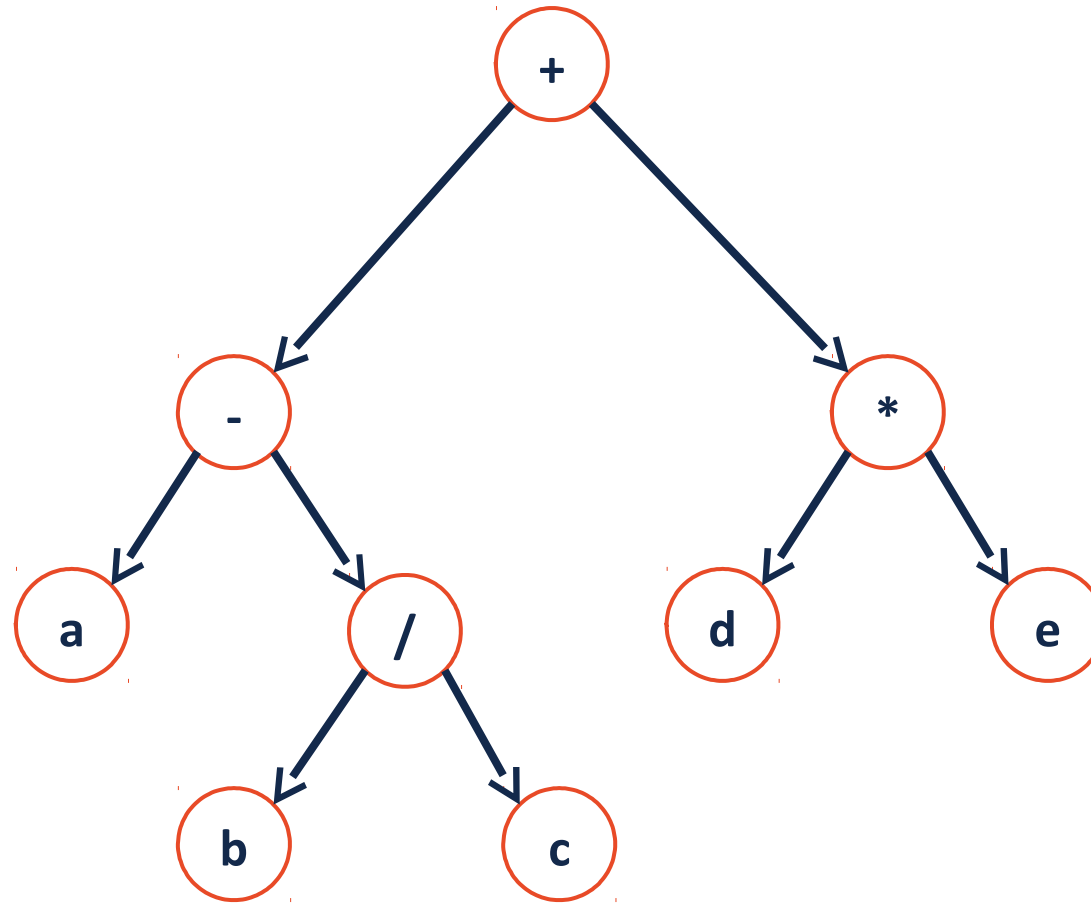


CS 400

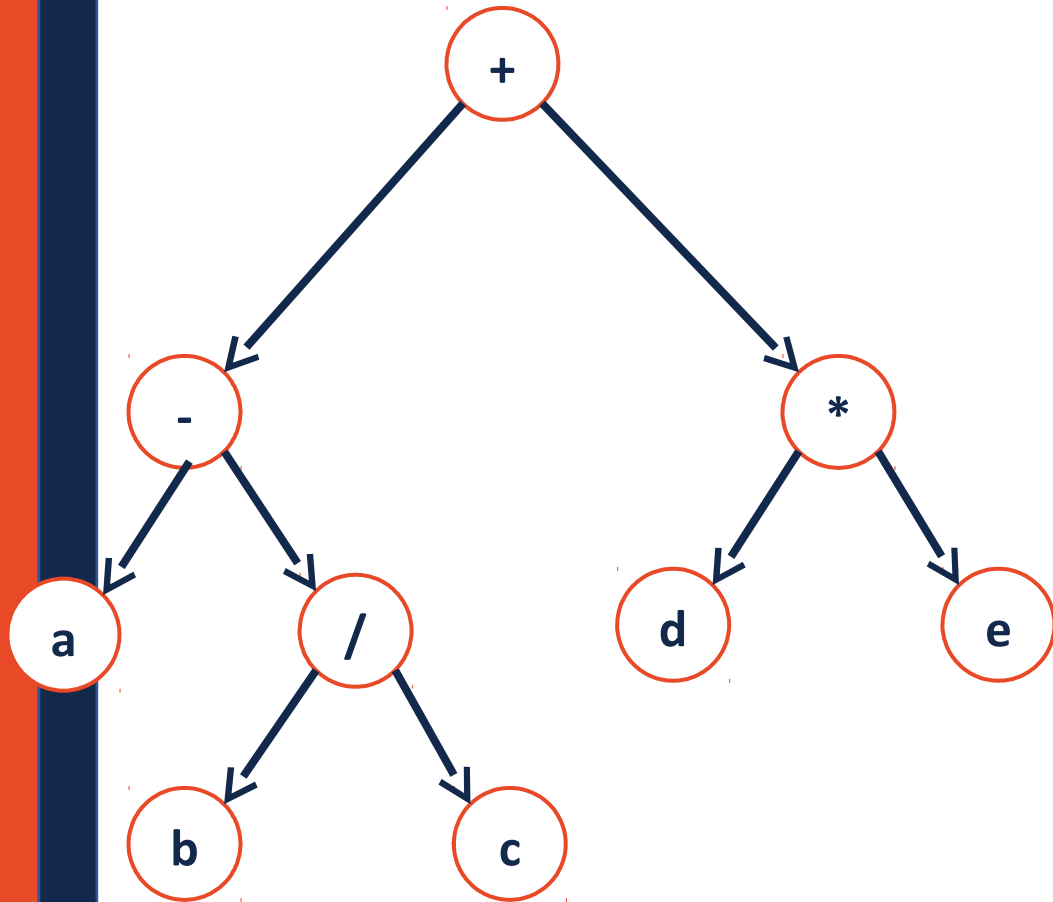
Tree Traversal

EXTRA-Tree-Traversal

Traversals

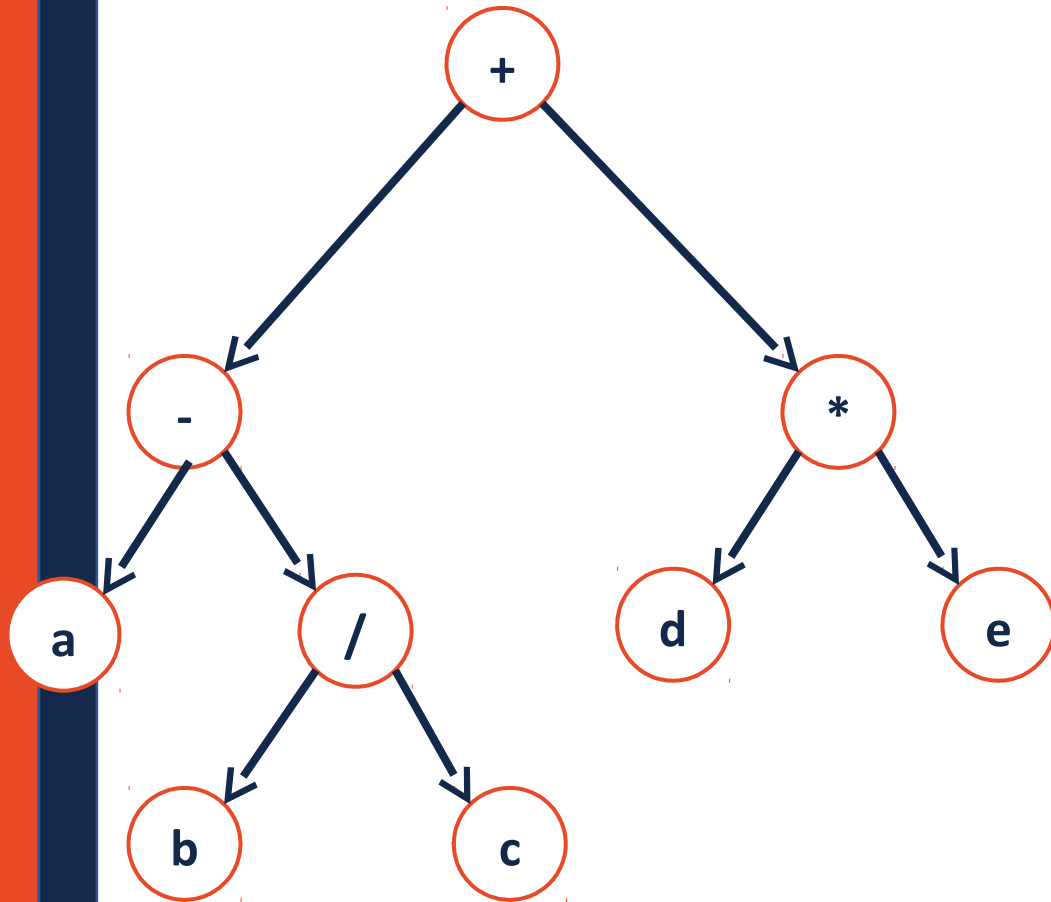


Traversals



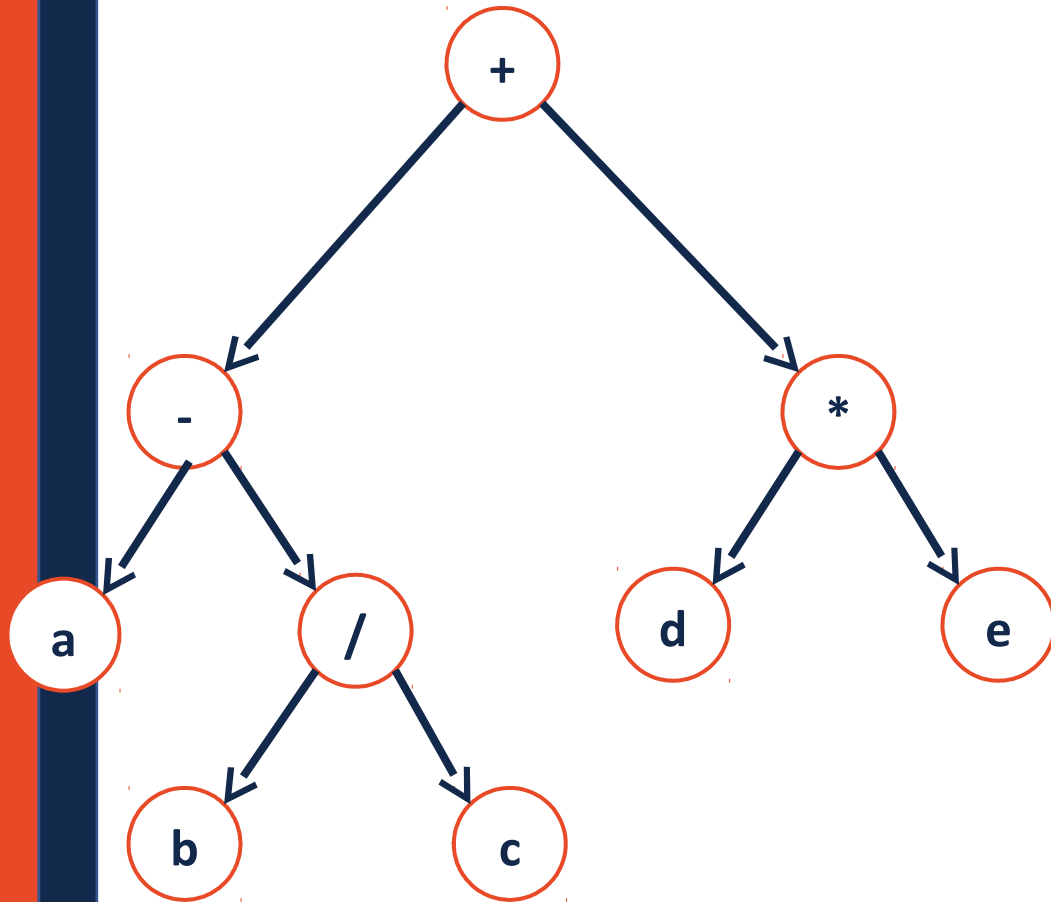
```
49 template<class T>
50 void BinaryTree<T>::__Order(TreeNode * cur)
51 {
52
53
54
55
56
57
58 }
```

Traversals



```
49 template<class T>
50 void BinaryTree<T>::__Order(TreeNode * cur) {
51     if (cur != NULL) {
52         _____;
53         __Order(cur->left) ;
54         _____;
55         __Order(cur->right) ;
56         _____;
57     }
58 }
```

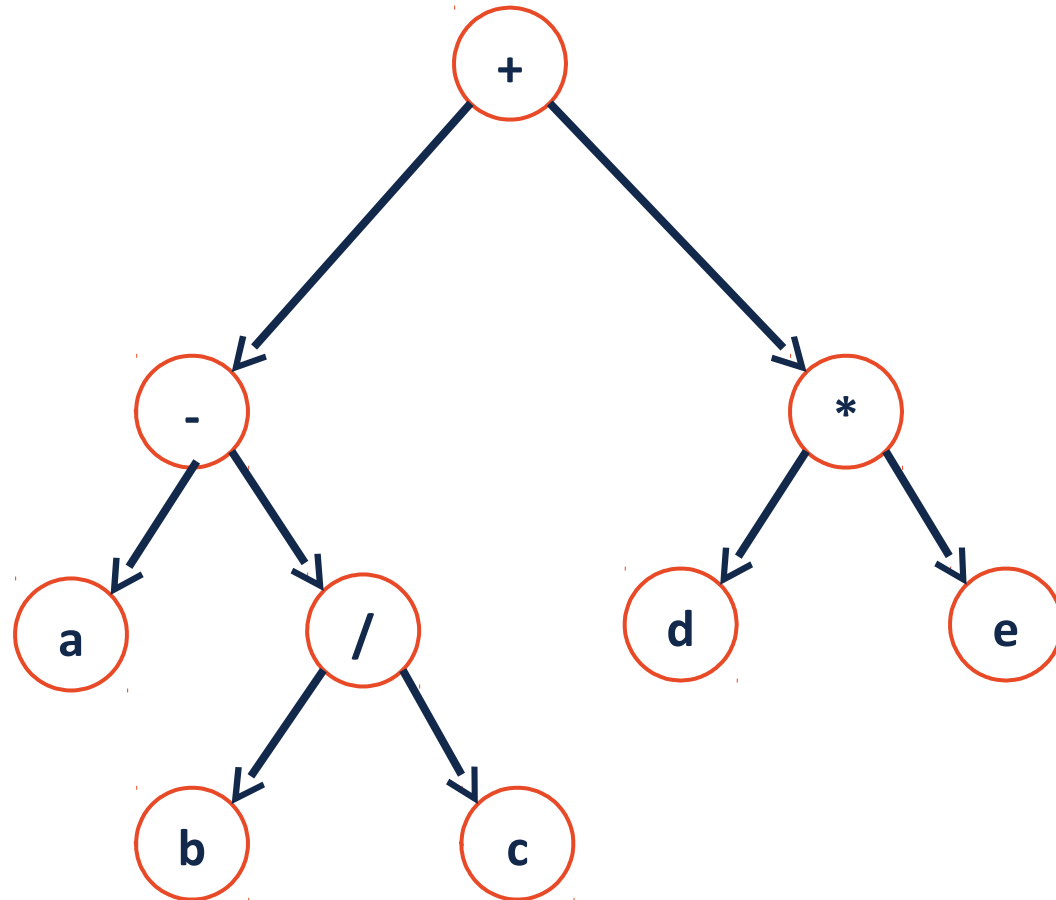
Traversals



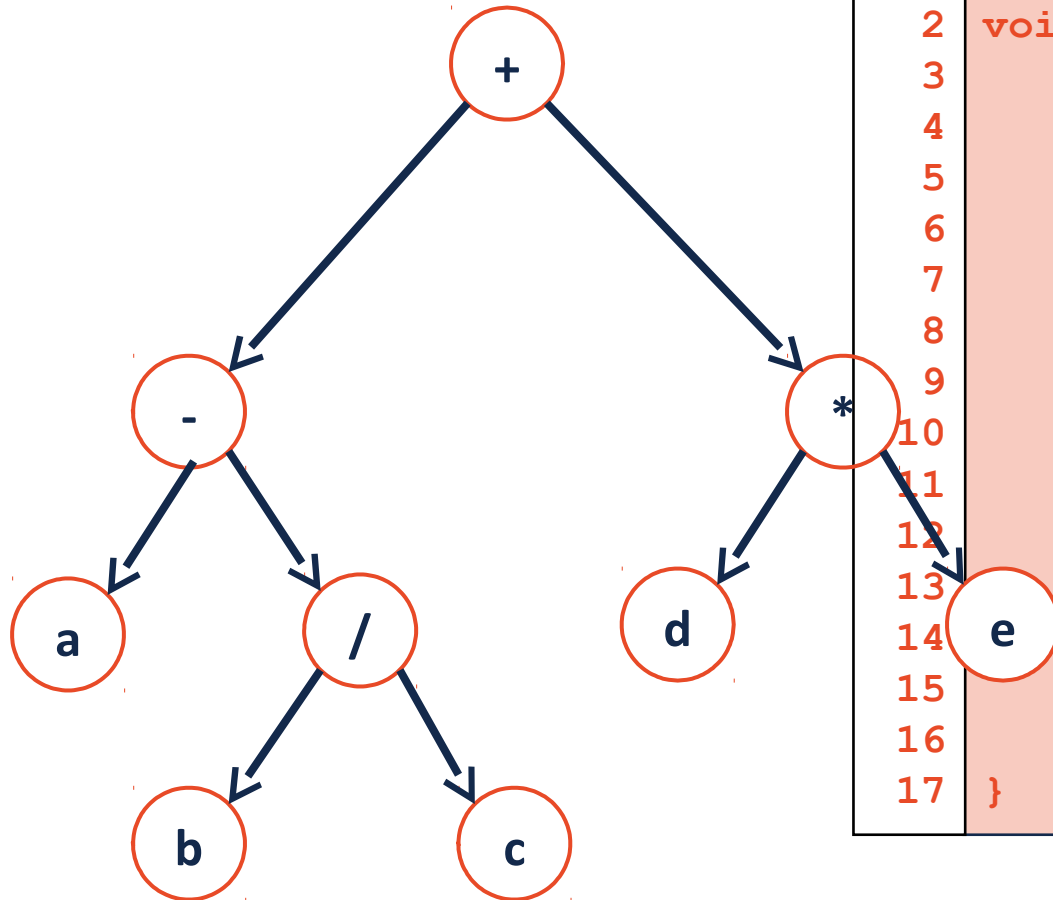
```
49 template<class T>
50 void BinaryTree<T>::__Order(TreeNode * cur) {
51     if (cur != NULL) {
52         _____;
53         __Order(cur->left) ;
54         _____;
55         __Order(cur->right) ;
56         _____;
57     }
58 }
```



A Different Type of Traversal



A Different Type of Traversal



```
1  template<class T>
2  void BinaryTree<T>::levelOrder(TreeNode * root) {
3
4
5
6
7
8
9
10
11
12
13
14  e
15
16
17 }
```




Traversal vs. Search

Traversal

Search