Lab 9

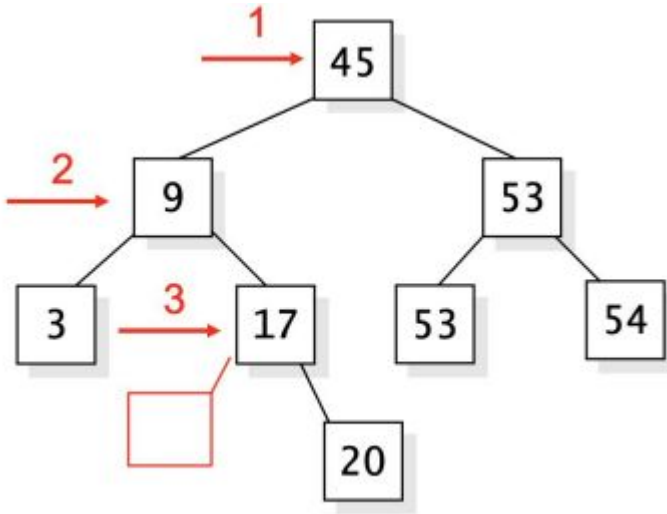
Binary Tree Node

- Node for a binary tree
- Functions for manipulating a BST
- Private variables:
  - Item data_field; //data field of a node
  - binary_tree_node *left_field; //pointer to the left sub-tree
  - binary_tree_node *right_field; //pointer to the right sub-tree
- Implement this class first before going to Bag
- Look to lecture slides for guidance

Bag

- A container template class for a collection of items
  - Stores these items in a BST
- Private variables:
  - Binary_tree_node<Item> *root_ptr; //root pointer of BST
- Implement this class after completing binary tree node

Assume we are looking for number 16



Provided Files

- bintree.h
- bag_bst.h
- Bagtest.cpp
  - I'll use this for demo
- bagexam.cpp
- No need to create any other files

Don’t Forget

- Demo code to me
  - Today, during the break, or Week 10 Office Hours
  - Must compile and run on linux servers
- Submit your code before deadline
- Comment code
- File with description of lab is on Camino
  - Submission guidelines