DS and OOP

Lab5

Question

Construct a binary search tree,

please print out the result of inorder traversal.

File format

input file format:

    line1: # of testing data

    line(2k): # of nodes to construct BST

    line(2K+1): A series of integers that are not duplicated

output format:

    inorder traversal (each number should be separated by a single space, and each traversal result should be separated by a newline.)

Example

test.txt
```
1  2
2  1
3  33
4  3
5  18 30 2
```

line1: 2 testing data

line2: 1 node to construct BST

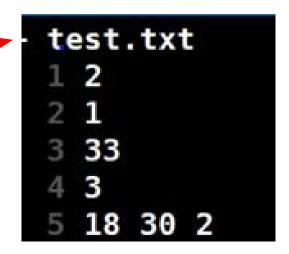line3: A series of integers that are not duplicated (33)

line4: 3 nodes to construct BST

line5: A series of integers that are not duplicated (18 30 2)

output: //用cout印出即可

33

2 18 30

Requirements

1. Read from command line and output to stdout
2. Use your workstation to run your code

Reference

Putty:

https://help.cs.nctu.edu.tw/help/index.php/HOWTO_-_%E4%BD%BF%E7%94%A8PuTTY%E7%99%BB%E5%85%A5%E7%B3%BB%E4%B8%8A%E5%B7%A5%E4%BD%9C%E7%AB%99

Filezilla:

https://help.cs.nctu.edu.tw/help/index.php/HOWTO_-_%E9%80%A3%E4%B8%8A%E7%B3%BB%E4%B8%8A%E5%B7%A5%E4%BD%9C%E7%AB%99%E7%9A%84_FTP

Command line:

http://crasseux.com/books/ctutorial/argc-and-argv.html