

Project 3: Binary Search Tree

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Part 1

Instructions

1.1 Turning in your work

- Push your files to your repository and paste the URL to the lab as the submission in Canvas.

1.2 Linked list files

You will need your Linked List class to complete this lab.

1.3 Starter files

The following files are included in the starter files zip:

Starter files:

```
Project3/
├── main.cpp
├── cuTEST/
│   ├── TesterBase.cpp and TesterBase.hpp
├── Utilities/
│   ├── Logger.cpp and Logger.hpp
│   ├── Menu.cpp and Menu.hpp
│   ├── StringUtil.cpp and StringUtil.hpp
├── DataStructure/
│   ├── BinarySearchTree.hpp
│   ├── BinarySearchTreeNode.hpp
│   ├── BinarySearchTreeTester.hpp
├── Exceptions/
│   ├── NotImplementedException.hpp
├── Project_CodeBlocks/
│   ├── Code Blocks files
├── Project_VisualStudio/
│   ├── Visual Studio files
├── docs/
│   ├── html/
│   │   └── index.html
```

Part 2

Project 3: Binary Search Tree

- Look at the Doxygen documentation (<docs/html/index.html>) for documentation on the Binary Search Tree functions (this documentation are also the comments in the `BinarySearchTree.hpp` file.)
- Check the auto-generated file **test_result.html** for unit test results.
- Check the auto-generated file **log.html** for a log of program flow.