

SENG1120/6120 – Data Structures

Marking sheet – Assignment 03 – Sem 2, 2020

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MARKED BY: **YS**

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DEMO:

1. Program compiles and works correctly with the files provided

A: Total (13.0 /15.0)

REMOVE MARKS IF:

- Code leads to memory leaks during execution (0.0 /-1.0)
- Lack of / wrong use of macroguards (0.0 /-1.0)
- Lack of / wrong use of destructors (0.0 /-1.0)
- Lack of `const` qualifiers (0.0 /-1.0)
- Lack of documentation in the code (0.0 /-2.0)
- Lack of Template use (0.0 / -5.0)
- Declaration of temporary variables as member variables of the class (0.0 /-1.0)
- Lack of use of dynamic memory allocation in `BTNode/BSTree` (0.0 /-10.0)
- Use of `friend` qualifier (0.0 /-2.0)
- Violation of encapsulation / information hiding (0.0 /-5.0)
- Correctness of Submission, filenames and format (0.0 /-5.0)
- Concrete Implementation in header file (and not in `.cpp`) (0.0 /-2.0)
- Any other issues, e.g. lack of use of recursion in methods, etc. (-1.0)

C: Total Deductions (-1.0)

FINAL MARK: 12.0 / 15.0

Comments:

Compiles correctly.

-2.0: It appears your `HTable` does not delete properly. You are deleting 'Daniel' when trying to delete 'Sam'.

Good memory management and encapsulation.

-1.0: Your `<<` overloading should use the output ostream object, not call `cout`.