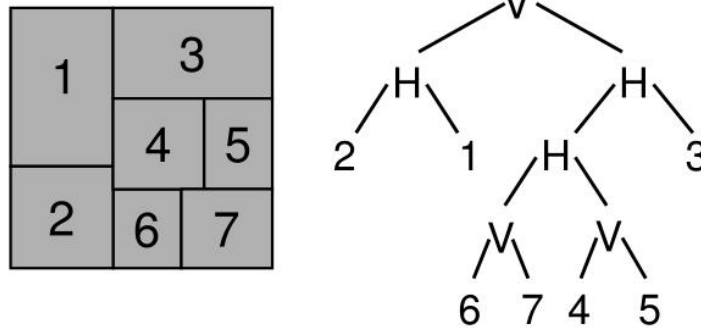


In-class Practice 4 (due 2020/02/06 in class)

1. Finish the parenthesis-stack.cpp program, in two versions, iterative stack and recursion. The respective functions to write is `check_stack` and `check_recursion`. Answer the following questions:

- In what version you prefer to write? Why?
- What is the difference in terms of assembly code complexity reported by compiler explorer <https://godbolt.org/> ? Is there any difference when you turn on the optimization flag `-O2`?

2. What is the postfix order of the following slicing tree?



3. Watch the video “**105 STL Algorithms in Less Than an Hour**” presented by Jonathan Boccara at CppCon 2018 (<https://www.youtube.com/watch?v=2olsGf6JlkU>), and give your feedback/comment.

4. Watch the video “**Writing Good C++14 Code By Default**” presented by Herb Sutter at CppCon 2015 (<https://www.youtube.com/watch?v=hEx5DNLWGgA>), and give your feedback/comment.

Name:

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