

Algorithmic and advanced Programming in Python

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Lab 2

Problem 1 (if too easy you can skip this)

- Implement stack with fixed size array

Problem 2 (if too easy you can skip this)

- Implement stack with dynamic array

Problem 3 (if too easy you can skip this)

- Implement stack with linked list

Problem 4 (if too easy you can skip this)

- Implement stack with queues

Problem 5 : discuss and implement

Discuss how stacks can be used for checking balancing of symbols.

Problem 6: discuss and implement

Discuss infix to postfix conversion algorithm using stack.

Problem 7: discuss and implement

Discuss postfix evaluation using stacks?