Project name: Postfix calculator

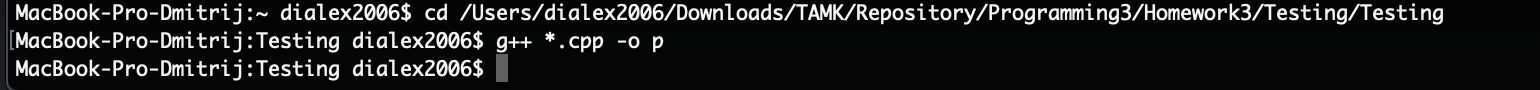
Developed by: Dmitrii Bacherikov

Hours spent: 17-20 hours

Target score: 5 points

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Program compilation:



Program running:

Text

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Program implementation

In the program you can select: either use calculator with or without prompts. If one selects without prompts, then one needs to input the whole postfix expression. With prompts implementation the user selects operators step by step.

Design ideas:

* 1. Combined existing code pieces into one project, added main operations to the code and got the program working with prompts.

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* 1. Added exchange function (in “switch …case”).

Test run: input 3 and 5, then exchange them and print the top element.

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* 1. Added sum function.

Text

Description automatically generated

* 1. Added sum function.

Text

Description automatically generated

* 1. Postfix calculator without prompts, plus added additional operations. For testing purposes I decided to print the content of stack just to check if it’s working correctly.

Text

Description automatically generated