

CS1023 Lab March 15 & 17, 2011

Stacks

Complete as many of the requirements below as you have time for.

Problem

Implement the reverse Polish calculator from the text (page 339) and add a modulo (%) operator. Also your calculator should display the contents of the stack each time the user makes an entry.

1. Compile the stack files into a static library
 - (a) Download the files `stack.c` and `stack.h` from Blackboard
 - (b) Open a new project
 - name: `stacks`
 - sources working directory (where `stack.c` and `stack.h` are saved on your machine)
 - (c) Notice where object files and executables are being saved.
 - (d) Choose static library
 - (e) Add `stack.c` to project
 - (f) Add working directory (wherever `stack.h` is located) to the includes path
 - (g) Finish
 - (h) Compile `stack.c`. Your `stacks.lib` should now have been built successfully.
 - (i) Close project.
2. Implement `rpn` calculator from text
3. Add a modulo (%) operator
4. Display the stack after every entry

To be handed in:

Source code for your final application should be submitted through Blackboard. Be sure to include your name in the program comments.