

Intro to Computer Systems :: Project 7: VM 1 :: Stack Arithmetic

Student name: _____

Grading method: In evaluating your assembler, we look for the following things:

- **Code quality:** As always with programming assignments, we look for elegance, clarity, reasonable documentation, and neatness.
- **Correctness:** Your assembler must translate correctly the supplied VM language programs SimpleAdd, StackTest, BasicTest, PointerTest, and StaticTest. Correct translation occurs when the VM translator generates Assembly language code that, when assembled and run on the CPU emulator, generates the desired results.

<i>Assembler</i>		<i>Comments</i>
Packaging	/ 5	Directory (folder) with your name on it, containing (1) /src directory of your code, (2) a README file with instructions for compiling and running your program, and comments on things that don't work and how you tried to fix them.
Working?	/ 45	Does the program generate assembly output that will work on all test inputs?
Well built?	/ 50	14 points for documentation. But, don't over-document! For every method you write, document what it does, what parameters it takes, and what it returns. Use your judgment to add more documentation when needed. 16 points for a VM translator that produces efficient assembly code. Generally speaking, the fewer the number of generated assembly instructions, the better. 20 points for a good and clean implementation that we can easily read and understand.
Total	/ 100	

Total grade: _____