

Homework 1: Microprocessors and Assembly

For details on the Little Man Computer assembly language, see:

https://en.wikipedia.org/wiki/Little_man_computer

- 1) Write LMC code to report the larger of two integer inputs.
- 2) Write LMC code to perform integer division ($6/3 = 2$, $5/3=1$)
- 3) Starting from the python LMC emulation (lmc.py) implement the full set of LMC operations. Test your answers to (1) and (2) using the emulation.

Please hand in either handwritten or as a printout, your LMC code for (1) and (2), and your modified version of lmc.py in problem (3) (as used to test (2)).

Due Date: Wed April 26