LAB 3

LAST LAB REMASTERED

Your Mission:

Compile the C code in Lab 2 into LC-3 object file using any C compiler and compare the result with yours in Lab2.

Details:

- __start() function should of course be deleted before compiling.
- List the main differences about function calling, prolog, epilog and stacks (if any) between your program and the compiled program. Analyze the pros and cons.
- Read the System V AMD64 ABI or RISC-V ELF psABI or any other documents about calling convention and ABI. Ask one question and solve it yourself.

Scoring Criterion:

Has only 4 levels:

- 100 (Good enough)
- 90 (It's OK)
- 75 (Job done)
- 0 (Report written in Portuguese/Too many mistakes/Copying from others/etc.)

Additional Requirements:

1. Save your report in pdf format and name it with your student number in uppercase (e.g. PB17001001.pdf).
2. Just send me the pdf. No need to tar it.

Merry Christmas And Happy New Year