Lab 2b Instructions:

Congratulations, you have now fixed the machine code from the previous developer and added the necessary feature(s) - hopefully.

For the 2nd part of your internship, you are now tasked to convert your fixed machine code into the assembly version and submit the updated code & documentation. If for some reason, your machine code did not implement all the fixes or have the proper comments, be sure to check with your supervisor (aka TA) during their office hours (aka lab session) this week.

Your tasks are to submit 2 separate files (**DO NOT ZIP**):

1. power2.asm
2. power2-assembly.doc/.docx/.pdf

The document should contain the following information:

1. Your Name & Date Completed
2. Assembly Language Section
    1. Converted assembly code w/ comments (screenshot or pasted in)
    2. 3 screenshots showing the program working displaying values @ x3050 & x3051 just before the HALT instruction. All simulation runs should be done with the machine randomized between each run.
        - 1 screenshot should be of a positive number that is a power of 2
        - 1 screenshot should be of a positive number that is not a power of 2
        - 1 screenshot should be of 0 @ x3050