Nov 3, 2019

1. Read all of the task given (procedure, deliverables, problem statement, etc.)
2. Create Design log document (this is the document)
3. Create Algorithm One and Algorithm Two documents

Nov 4, 2019

1. Start on Algorithm One
    a. I thought it would be easier to put all relevant info needed into the document
    b. I want to gather all needed instructions, conditional instructions, and registers
    c. Realized there isn't a divide instruction. So had to resort to a right shift by 4.
2. Start writing program
    a. This is where I also created a discussion document for debugging

Nov 6, 2019

1. Finished writing the first program
    a. Used test values discussed in the discussion document
    b. Overall the debugging went well and didn't run into any issues
    c. Finished debugging explanation in discussion document
    d. Saved

Nov 7, 2019

1. Started on Algorithm Two
    a. So looked up how to convert Celsuis to Farenheit
    b. Cannot divide by five using shifting, so have to come up with the subtraction method (my preferred method)
    c. Much of this portion was resolved looking at the conditionals from the text such as BMI and BHI. Used after a compare instruction so that I can manipulate the program direction
    d. Designed algorithm two to place after algorithm one. However, initializations will occur in the beginning of program

Nov 8, 2019

1. Start implementing a program for algorithm two
    a. This is taking longer since I have to restructure and reorganize registers for better use. Like reserving R0 so that it can be returned from the procedure
    b. Some things were straightforward. However, some tasks needed more time for possible solutions. Such as the pointer incrementing, realizing I need it back to the starting position for the second portion of the program
    c. The initial program is finished. Predicting I will have to change some things when debugging
    d. Much of this is theory from templates and research until debugging

Nov 11, 2019

1. Start debugging final program
    a. Had to do some tweaks here and there
    b. Also, did some final formatting of the text of the program
    c. Added the final comments

Nov 14-15 2019

1. Finish up project
    a. Finish up the discussion document explaining the results and debugging
    b. Created the sign document and scanned it
    c. Zip files together
    d. Turn it in