Individual Assessment

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CSS 422

1. What you did on the project

My main responsibility in our project was to produce the I/O section of the program. This included reading input from the user, translating that input to beginning and ending memory addresses, and producing the main program loop. The main loop reads the memory location of each instruction in a loaded program and calls the OpCode translator main method. It does this while maintaining a count of the number of lines printed and keeping track of the end address. There will only be 0x1E lines of code printed at a time (a full output screen), requiring the user to press enter to continue. Once the end address is reached, the main method asks the user for a new set of memory addresses to disassemble.

1. What the other team members did on the project

Will completed the EA translation code in full.

Gi was supposed to create the OpCode translator in full, however we kept asking Gi to push code to our Git repository so we could combine our codes and run tests, but he never did. Eventually I decided to attempt to flesh out the Stub code I had created into the OpCode translator that we have. I worked out how to pass addressing information with Will and used Gi’s OpCode table to implement some functionality and pushed that code to our repository. At this point it worked for most basic OpCodes, but I hoped Gi would finish the library. As of the time of writing this assessment, I have not seen any extra work done by Gi other than cleaning and organizing the code I wrote hastily wrote. The more complicated functionality of our OpCode translator is still not implemented.

1. An estimate of the percentage of the project that you contributed

50%. This is because Will did his part, but I provided most of the code for Gi to work off of.

1. An estimate of the percentage of the project that each of your team mates completed

Will did his fair 33% of the work. I would say he probably picked up the slack in places like report writing and presentation making where I may have left off.

Gi did attempt to help and I would give him the remaining 17%. He failed to pull his weight later in the process of actually codeing. He did the early work of making his OpCode table and later on cleaning and organizing the OpCode translator.

Overall I feel like Will and I would have probably been better planning to do the work in a pair, because We spent to much time waiting of Gi to finish his code.