CS35101 Project 1 - Report

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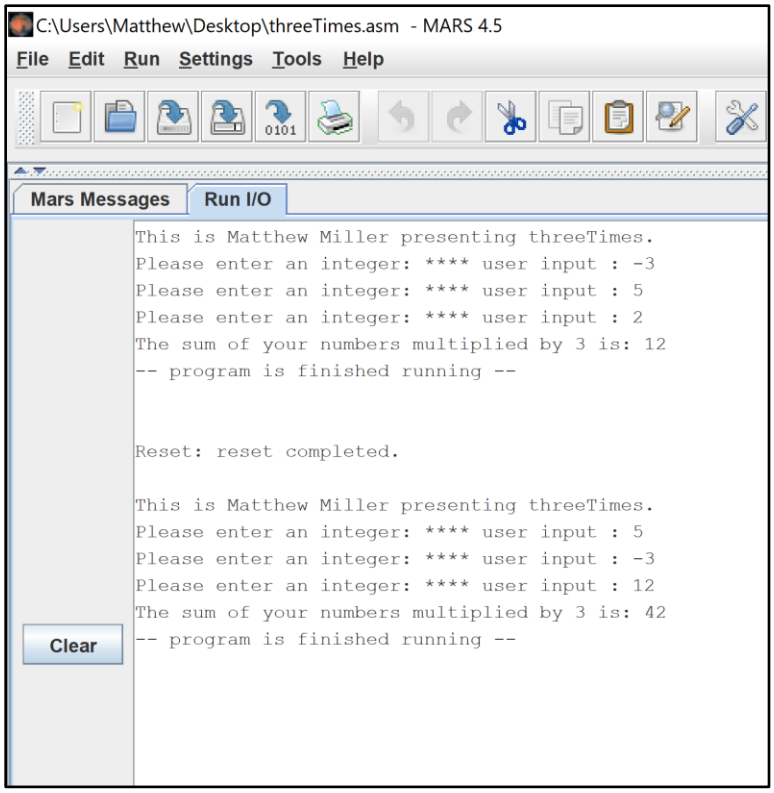
Included ASM files:

threeTimes.asm

Implementation Summary:

I implemented the project's solution by using registers and system calls to prompt the user and accept integer input. I collected the first two inputted-integers into registers $t1 and $t2. Afterward, I stored their sum in $t3. I created a copy of $t3 in $t2 to maintain a running total. Next, I collected the third user-inputted-integer into register $t1 and calculated a final sum in $t3. Finally, I stored an integer-3 in $t1 and conducted a multiplication operation on $t3, storing the result in $t2 and printing it's result to the console.

Results:



Conclusion:

I learned how to navigate the MARS software. I learned how to assemble MIPS instructions. I learned how to conduct MIPS addition, multiplication, input, and output. I encountered some problems when trying to use named-variables instead of registers.