CSE 3113 - Microprocessor and Assembly Lab
Lab Report

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Class Roll: 07

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1 Perform addition, subtraction, and multiplication on 64-bit numbers

Build Status

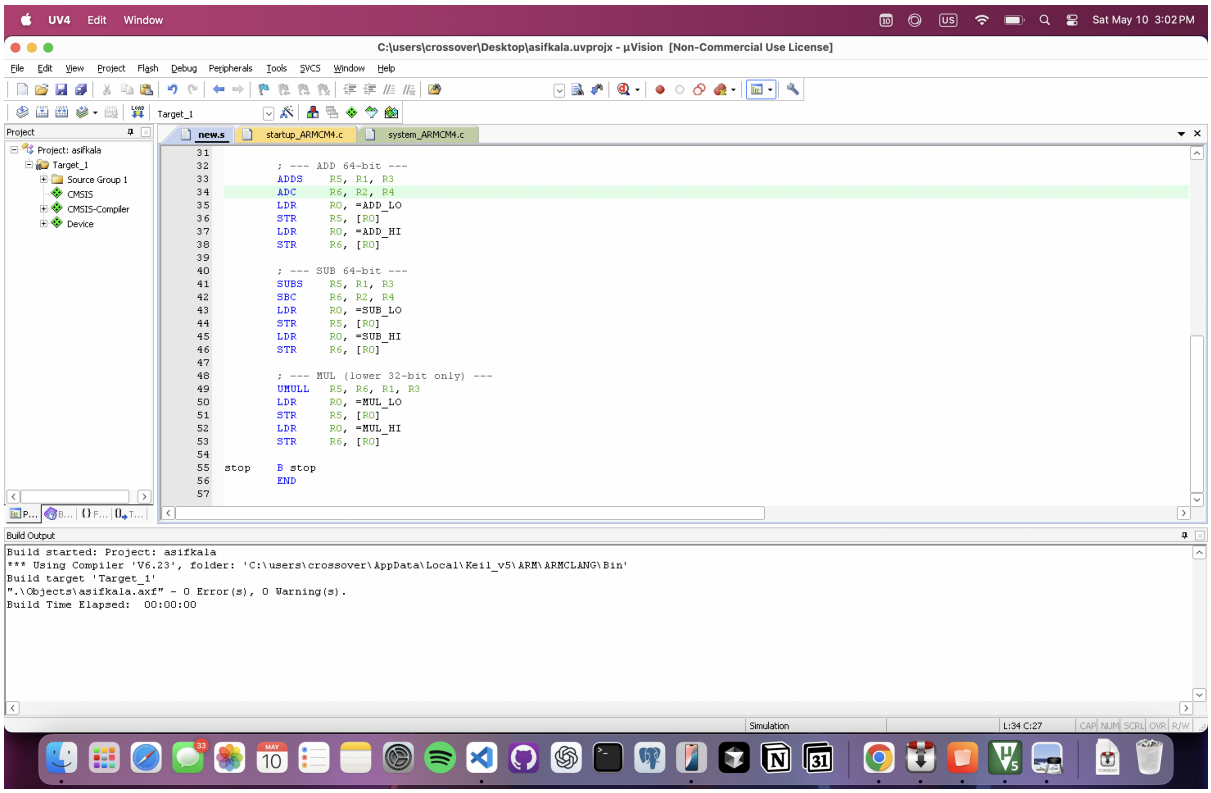

Figure 1: State of the system after the project is built.

Register Status After Execution

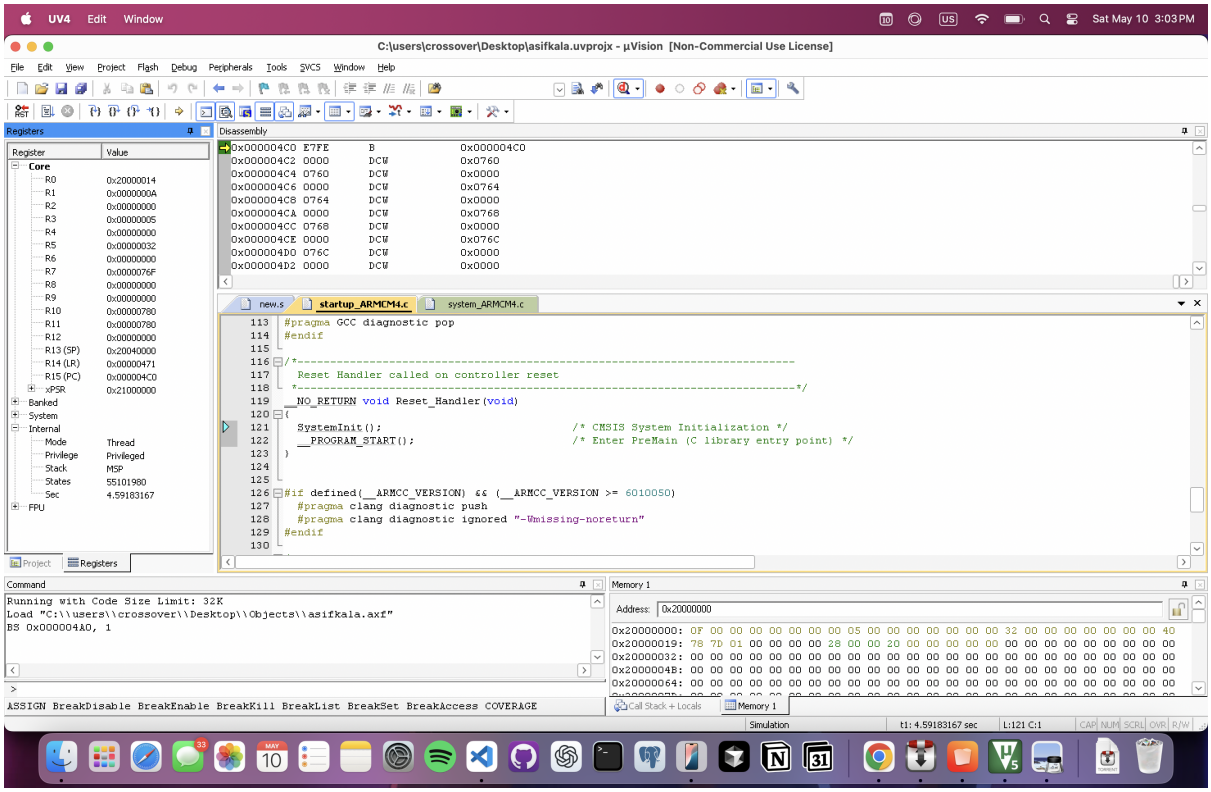

Figure 2: State of the system after the code has been executed.

2 Perform division on 8-bit, 16-bit, and 32-bit numbers

Build Status

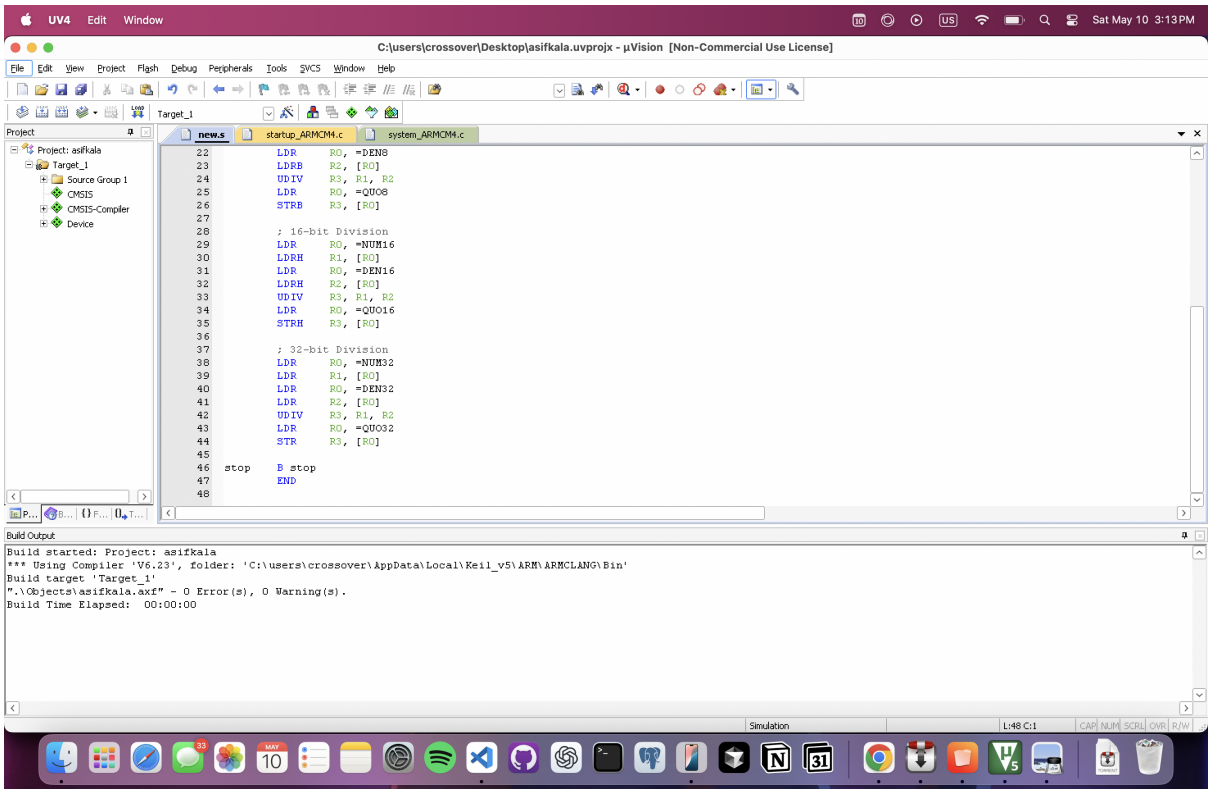

Figure 3: State of the system after the project is built.

Register Status After Execution

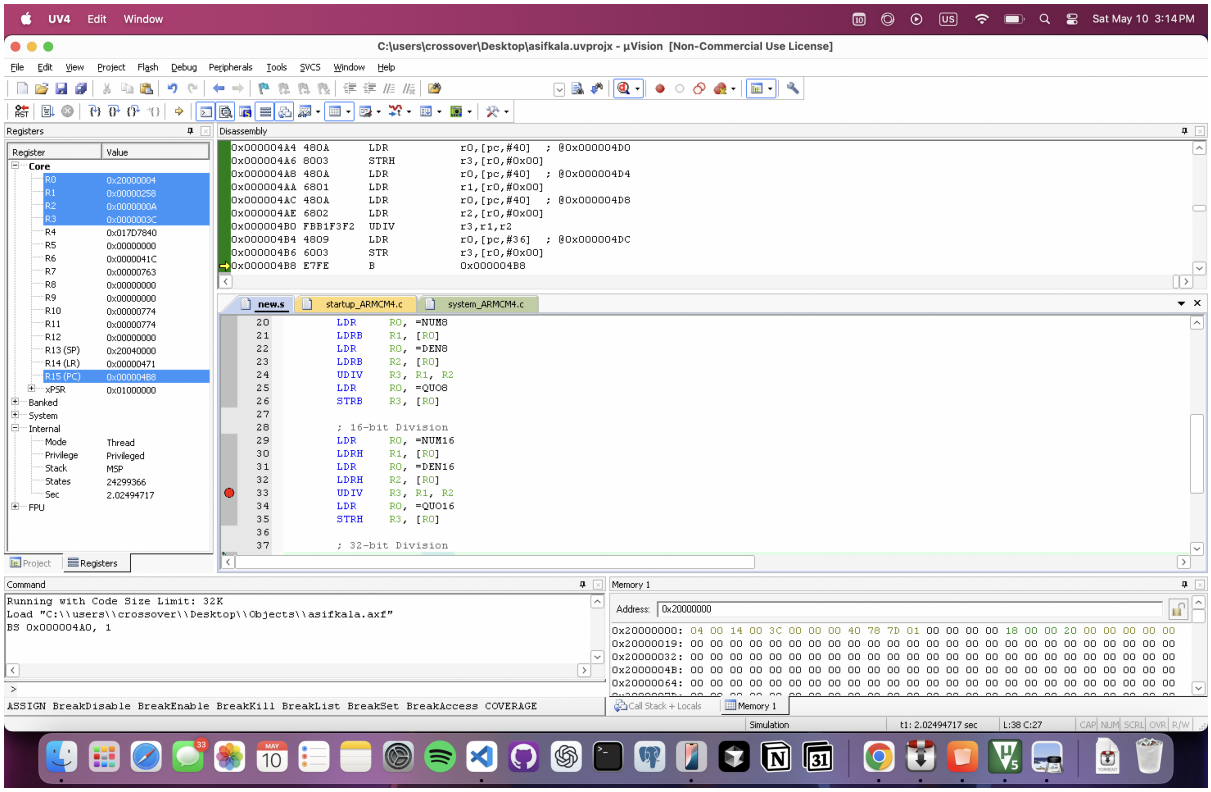

Figure 4: State of the system after the code has been executed.

3 Convert a BCD number in memory to its equivalent HEX number

Build Status

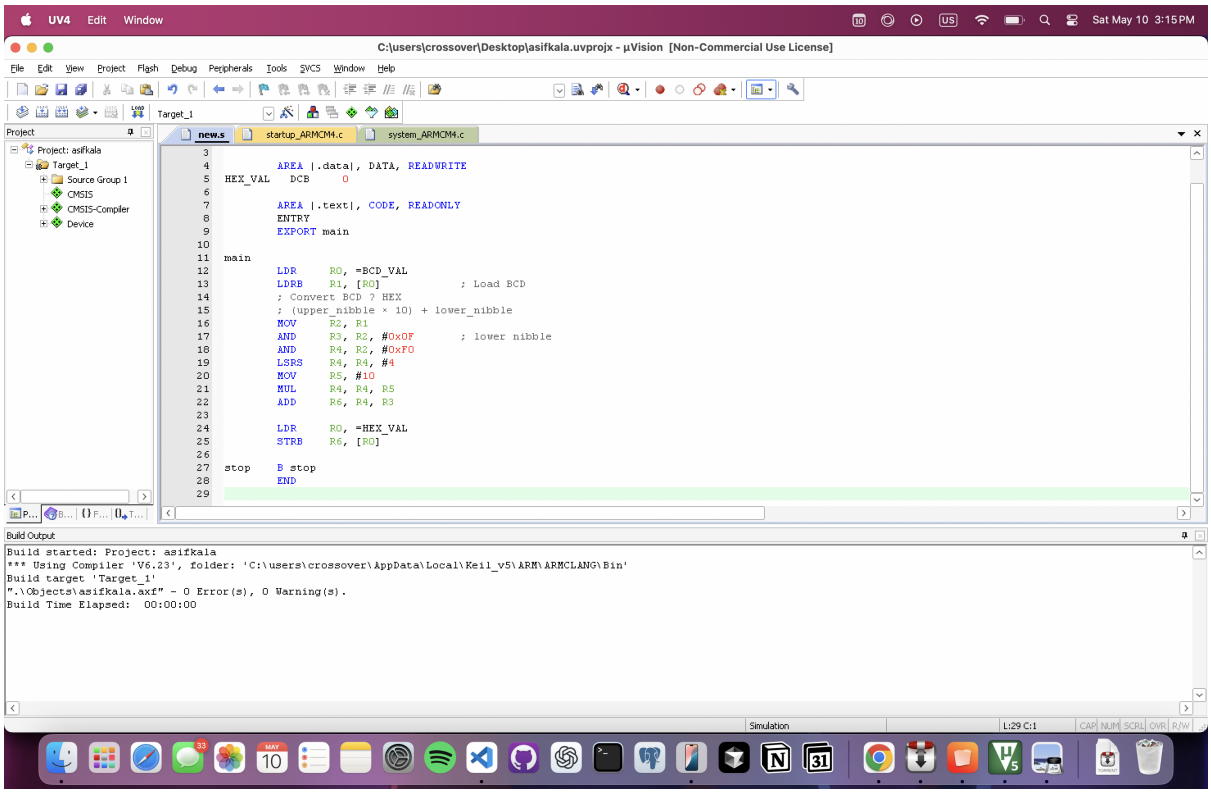

Figure 5: State of the system after the project is built.

Register Status After Execution

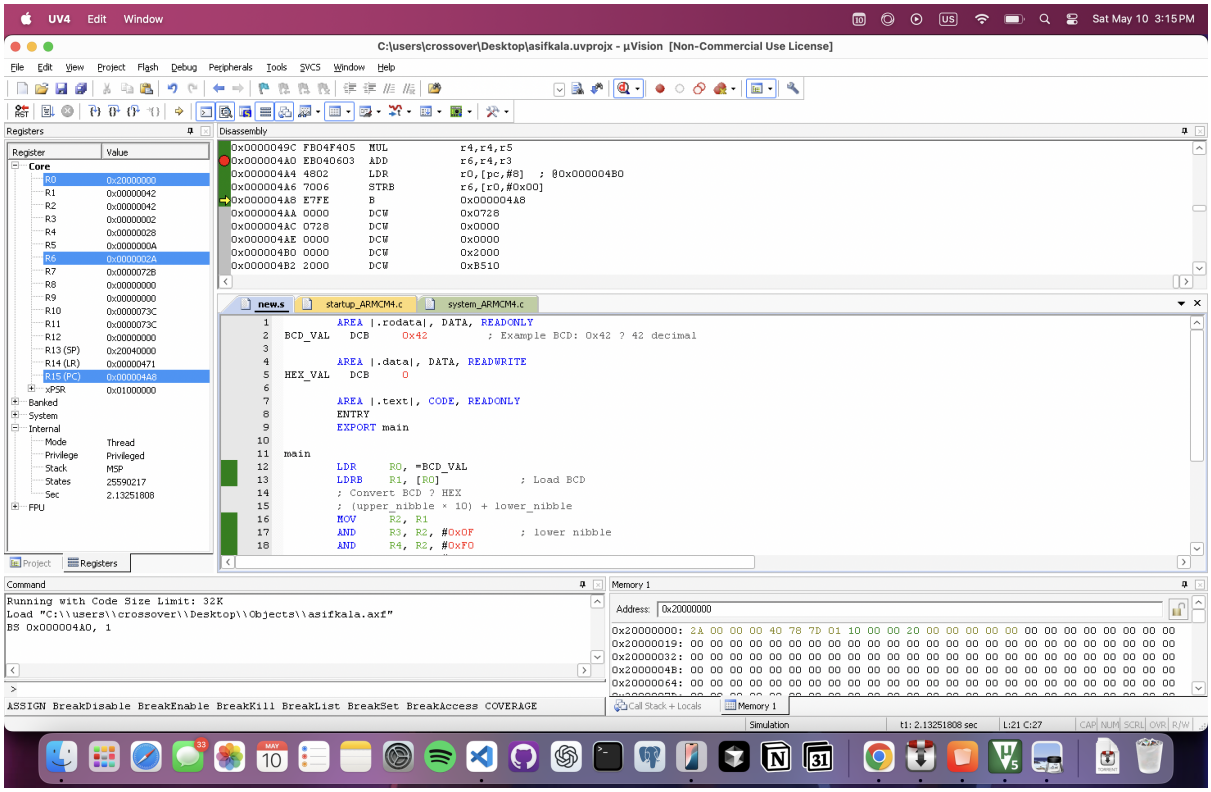

Figure 6: State of the system after the code has been executed.

4 Convert a hexadecimal number to its equivalent BCD number

Build Status

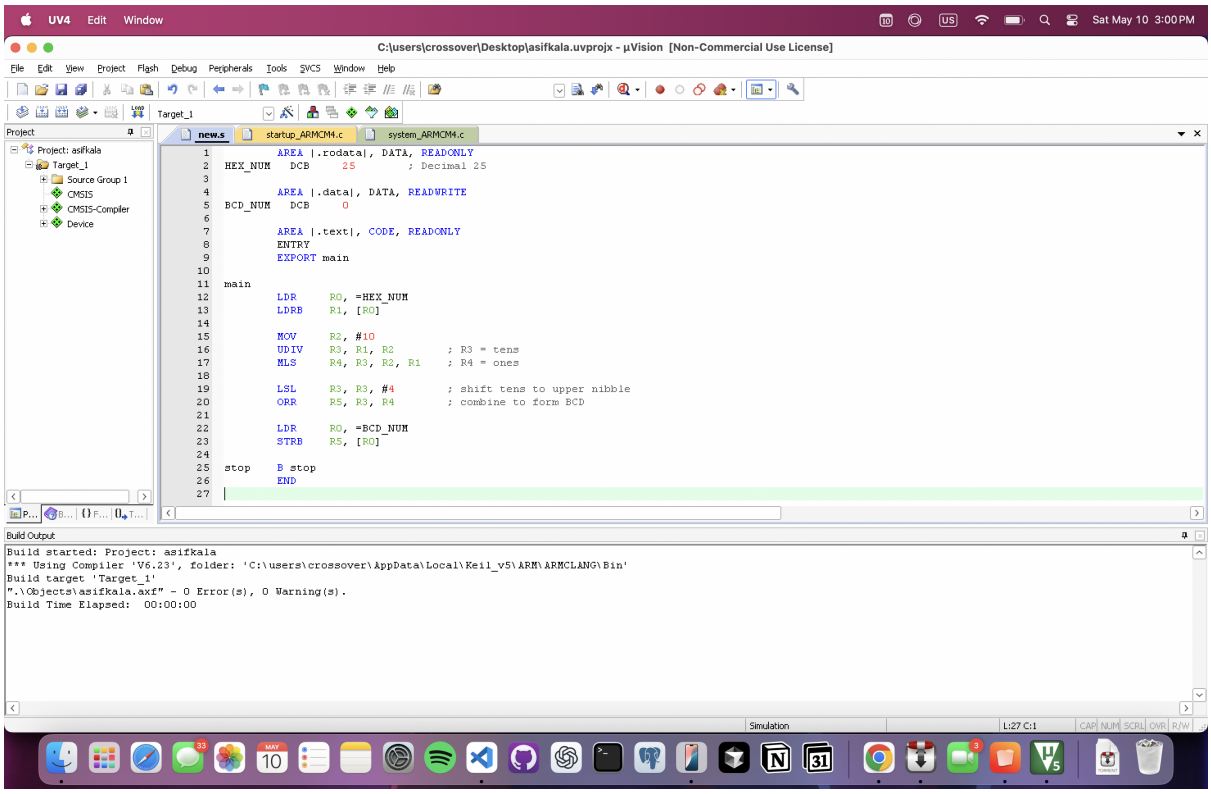

Figure 7: State of the system after the project is built.

Register Status After Execution

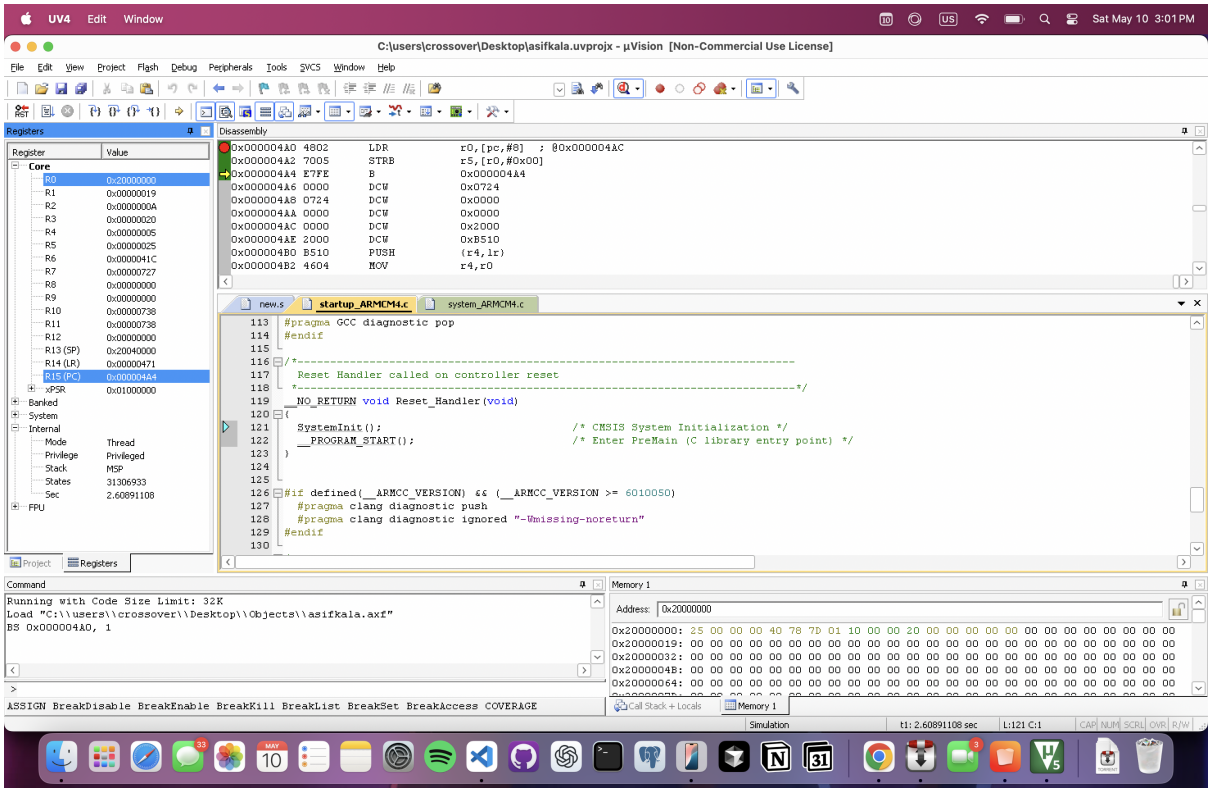

Figure 8: State of the system after the code has been executed.

5 Convert a decimal number to its equivalent binary number

Build Status

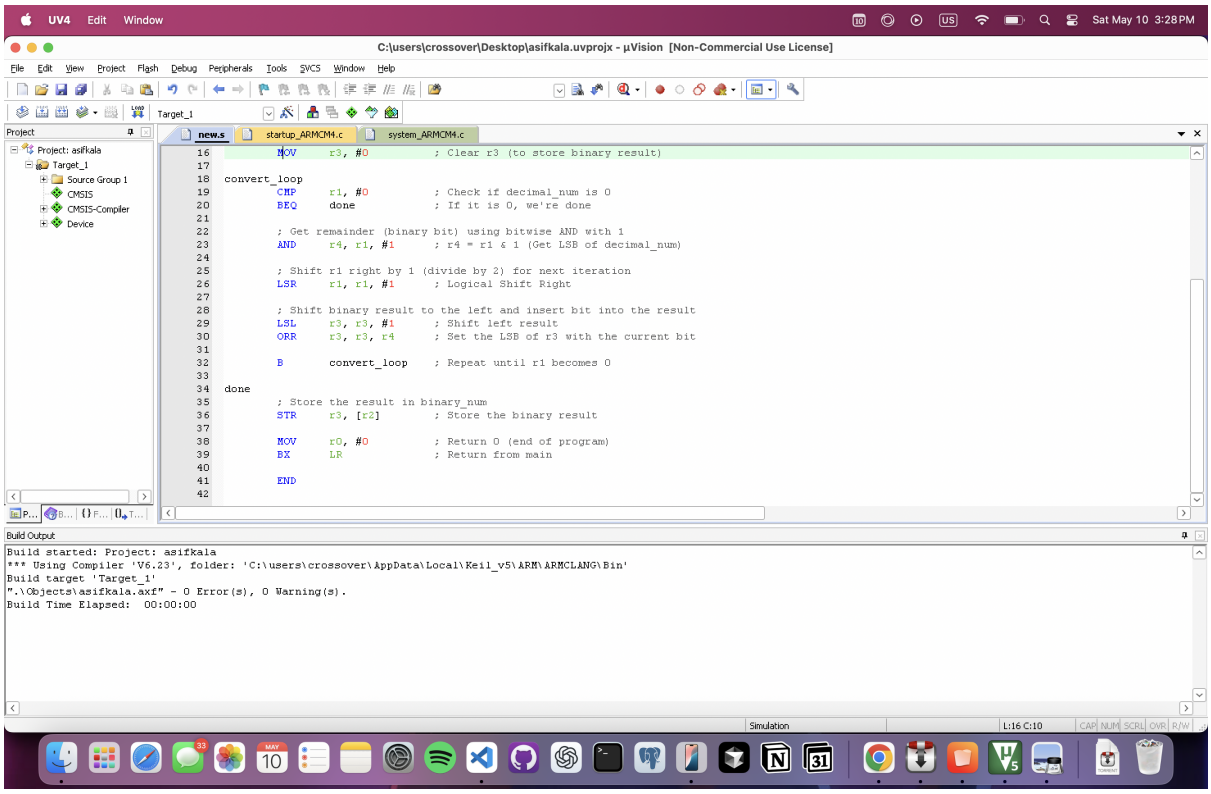

Figure 9: State of the system after the project is built.

Register Status After Execution

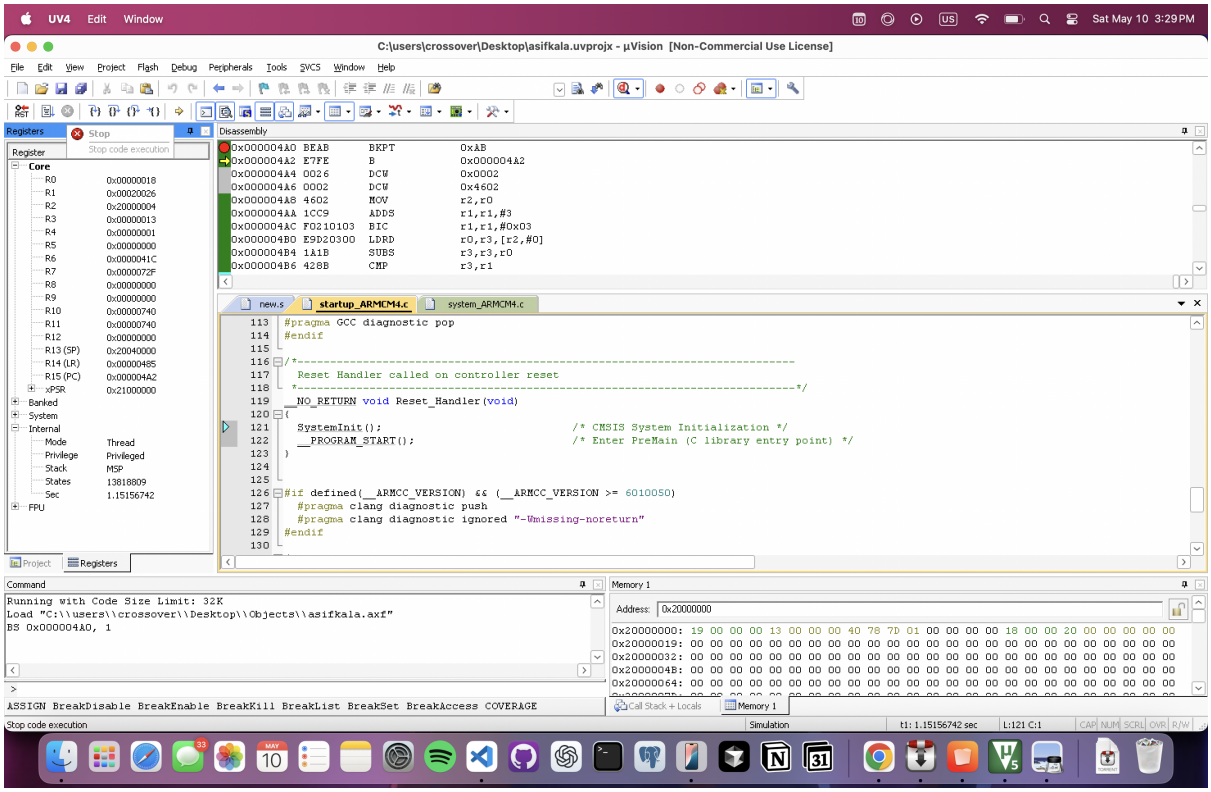

Figure 10: State of the system after the code has been executed.