

MICROPROC & INTERFACING EEE F241 ECE F241 INSTR F241

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Evaluated Lab-1 (Saturday Batch)

Write a subroutine to subtract two numbers and another subroutine to compare two numbers. Using these subroutine write an 8085 ASM program to find the modulus of two numbers. Assume the numerator is stored in memory address 0x2000 and denominator at 0x2001. The final result should be stored in address 0x2002. Demonstrate your code by finding $16\%3$

Submit your program as a .asm file

Grading scheme

Only if the code assembles successfully, it will be graded

Subroutine for subtraction 2

Subroutine for comparison 2

Main program 4

Proper storage of operands and results 1

Correctness of final answer 1

Submission status

Submission status	No attempt
Grading status	Not graded
Due date	Saturday, 10 February 2024, 1:00 PM
Time remaining	Assignment is overdue by: 2 hours 19 mins
Last modified	-
Submission comments	+ Comments (0)

[◀ 8085 Simulator](#)

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