

Write a program which gets two inputs, dividend and divisor, from user and prints the quotient and remainder in LC-3 assembly. Assume that the inputs are positive integer less than 10 and the divisor is not 0.

Example of execution

Input dividend : (the user types 5) 5

Input divisor : (the user types 2) 2

Quotient : 2

Remainder : 1

The execution doesn't have to be the same as above, but the result of division must be correct. I recommend you to run your code on LC-3 Simulator.