

Q1: Write an assembly code to perform division without using DIV or IDIV instructions.

X = 25, Y = 3

AL = X / Y

AH = X % Y

ORG 100h

MOV AH,X

L1:

CMP AH,Y

JB L2

SUB AH,Y

INC AL

JMP L1

L2:

HLT

X DB 25

Y DB 3

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