

- model small

- ~~code~~ data

a dw 245

b dw 25

c dw 34

d dw 50

r1 dw ?

r2 dw ?

r3 dw ?

quo db ?

rem db ?

- code

mov ax, @data

mov ds, ax

mov ax, a

mov bx, b

add ax, bx

mov r1, ax

mov ax, c

mov bx, d

add ax, bx

mov r2, ax

mov ax, b

mov bx, d

add ax, bx

mov ~~ax~~ r3, ax

mov ax, ~~ax~~ r1

mul ~~ax~~ r2

div r3

mov rem, ah

mov quo, al

mov ah, 4ch

int 21h

end