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CS 2700 Assignment 7

.model small

org 100h

.data

num1 db ?

num2 db ?

result db ?

divisor db 2

msg1 db "Enter the first even number to average: $"

msg2 db 13,10, "Enter the second even number to average: $"

msg3 db 13,10, "Result of the average is: $"

.code

mov ax, @data

mov ds, ax

mov ah,09h

lea dx, msg1

int 21h

mov ah, 01h

int 21h

sub al, '0'

mov num1, al

mov ah, 09h

lea dx, msg2

int 21h

mov ah, 01h

int 21h

sub al,'0'

mov num2,al

add num1,al

;mov ah, 02h

;mov dl, num1

;int 21h

mov result, al

div divisor;this divides result with al

;mov ah, 02h

;mov dl, result

;int 21h

aad

;add result, '0'

;mov result ,al

;add ah, '0'

;add al, '0'

sub al, '0'

sub al, ' '

mov bx, ax

mov ah, 09h

lea dx, msg3

int 21h

mov ah, 02h

;mov dx, offset result

;mov dl, bh

mov dx, bx

int 21h

;mov dl, bl

;int 21h

exit:

mov ax, 4c00h

int 21h

end main

endp

