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BCS211037

Quiz 3

.model small

.data

str1 db "enter first number","$"

str2 db 0ah,0dh,"sum is ","$"

str3 db 0ah,0dh,"difference is ","$"

A db 6

B db ?

sum db ?

diff db ?

.code

; data segment enablind code

mov ax, @data

mov ds, ax

;code to display string 1

lea dx, str1

mov ah, 09

int 21h

; code to take first input value

mov ah, 01

int 21h

; mov ah to bh

;code to display string

lea dx, str2

mov ah, 09

int 21h

mov al,ah

;mov a to bh

mov bh,A

;add both

add al,bh

add al,30h

mov dl,al

;code to display output value in dl

mov ah, 02

int 21h

;code to display string

lea dx, str3

mov ah, 09

int 21h

; mov

mov ch,B

;subtration

sub ch,bh

add ch,48

mov dl,ch

;code to display output value in dl

mov ah, 02

int 21h

