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BCS211037

Section no 1

.model small

.data

A db 1

B db 1

C db 2

D db 1

res db ?

res2 db ?

res3 db ?

msg1 db "the result is =","$"

.code

mov ax,@data

mov ds,ax

;multiply a & b

mov al,A

mov bh,B

mul bh

mov res,al

;divide b & d

mov al,C

mov ah,D

div ah

mov res2,al

;Add a\*b & c

mov bl,res

mov bh,C

add bl,bh

mov res,bl

;sub res & res2

mov bl,res

mov bh,res2

sub bl,bh

;print string

mov ah,9

mov dx, offset msg1

int 21h

;ascii codes add 48 or 30h

mov dl,bl

add dl,30h

mov ah,02

int 21h

