Addition

Data segment

A db 10h

B db 40h

C db ?

Data ends

Code segment

Assume cs:code,ds:data

Start: mov ax,data

Mov ds,ax

Mov ax,a

Mov bx,b

Add ax,bx

Mov c,ax

Int 3

Code ends

End start

OUTPUT

Ax=0050 bx=0000 cx=0000

Substraction

Data segment

A db 0006h

B db 0003h

C db ?

Data ends

Code segment

Assume cs:code,ds:data

Start: mov ax,data

Mov ds,ax

Mov ax,a

Mov bx,b

Sub ax,bx

Mov c,ax

Int 3

Code ends

End start

OUTPUT

Ax=0003 bx=0000 cx=0000