#Addition

.8086

.model small

.data

num1 db 07h

num2 db 03h

result db ?

.code

start:

mov ax, @data

mov ds, ax

mov al, num1

add al, num2

mov result, al

mov ah, 4ch

int 21h

end start

output

ds: [0006]:0A

#Subtraction

.8086

.model small

.data

num1 db 07h

num2 db 03h

result db ?

.code

start:

mov ax, @data

mov ds, ax

mov al, num1

sub al, num2

mov result, al

int 3h

mov ah, 4ch

int 21h

end start

output

ds: [0006]:04

#Multiplication

.8086

.model small

.data

num1 db 03h

num2 db 03h

result dw ?

.code

start:

mov ax, @data

mov ds, ax

mov bl, num2

mov al, num1

mul bl

mov result, ax

int 3h

mov ah, 4ch

int 21h

end start

output

ds: [0008]:09

#Division

.8086

.model small

.data

num1 db 05h

num2 db 0Ah

result dw ?

.code

start:

mov ax, @data

mov ds, ax

mov al, num2

mov bl, num1

mov ah, 00h

div bl

mov result, ax

int 3h

mov ah, 4ch

int 21h

end start

output

ds: [000A]:0002