

SUBTRACTION OF TWO NUMBERS 1

• model small

• data

num1 db 43

num2 db 15

res db ?

• code

mov ax, @data

mov ds, ax

mov al, num1

sub al, num2

mov res, al

mov ah, 4ch

int 21h

end

• model small

• data

a dw 1234

b dw 2978

res dw ?

! code

mov ax, @data

mov ds, ax

mov ax, a

sub ax, b

mov res, ax

mov ah, 4ch

int 21h

end

MULTIPLICATION OF 2 NUMBERS

.model small

.data

num1 db 43

num2 db 15

res dw ?

.code

mov ax, @data

mov ds, ax

mov al, num1

mul num2

mov res, ax

mov ah, 4ch

int 21h

end

DIVISION of 2 numbers

.model small

.data

num1 dw 1234

num2 db 67

quot db ?

sum db ?

.code

mov ax, @data

mov ds, ax

mov al, num2

div num1

mov quot, al

mov sum, ah

mov ah, 4ch

int 21h

end