

LAB2

1) .model small

.data

a db 30h

b db 20h

c db ?

.code

mov ax, @data

mov ds, ax

mov al, a

sub al, b

mov c, al

mov ah, 4ch

int 21h

END

2) .model small

.data

a dw 1400

b dw 60

c dw ?

.code

mov ax, @data

mov ds, ax

mov ax, a

~~mov~~ ax, b

mov c, ax

mov ah, 4ch

int 21h

END

3) .model small
 .data

num1 dw 1250

num2 db 50

gout db ?

rem db ?

.code

mov ax, @data

mov ds, ax

mov al, num2

div num1

mov gout, al

mov rem, ah

mov ah, 4ch

int 21h

END

4) .model small
 .data

num1 db 50h

num2 db 25h

res dw ?

.code

mov ax, @data

mov ds, ax

mov al, num1

mul num2

mov res, ax

mov ah, 4ch

int 21h

END