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Lab Task 2

(Question 1)

.model small

.stack

.data

.code

main proc

mov dl,3 ;giving values

mov bl,5 ;Giving values

add dl,bl ;Adding 3 and 5

mov ah,2 ;giving value

sub dl,ah ;subtracting 8 and 2

mov bh,1 ;giving value

sub dl,bh ;subtracting 6 and 1 add dl,48 mov ah,2 int 21h mov ah,4ch int 21h main endp end main (Question 2) .model small .stack 100h .data var1 db 3 ; giving values to variable var2 db 1 ; giving values to variable var3 db 2 ; giving values to variable .code main proc

mov cx, @data ;moving variables data in cx

mov ds, cx

add dl, var1 ;Adding values of variables

add dl, var2 ;Adding values of variables

add dl, var3 ;Adding values of variables

add dl, 48

mov ah, 2

int 21h

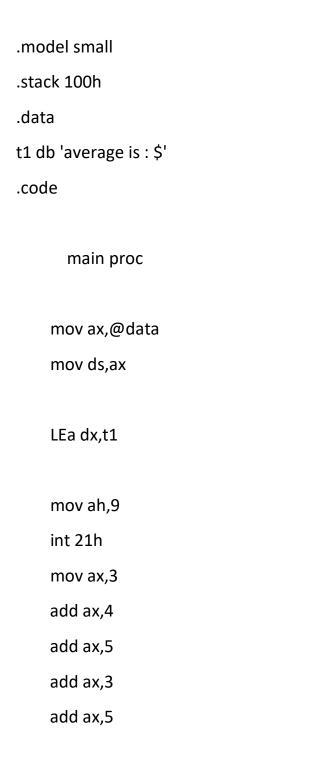
mov ah, 4ch

int 21h

main endp

end main

(Question 3)



mov dl,5

div dl

add ax,48

mov dx,ax

mov ah, 2

int 21h

mov ah, 4ch

int 21h

main endp

end main