# TASK 1:

org0x100

mov ax, [num1]

add ax, [num2]

add ax, [num3]

mov sum, ax

int 0x21

num1: db 10

num2: db 20

num3: db 30

sum: db 0

# TASK 2:

org 0x100

mov bx, offset num1

mov al, [bx]

add bx, 1

add al, [bx]

add bx, 1

add

al, [bx]

add bx, 1

add al, [bx]

mov[sum], al

int 0x21

num1 db 5

num2 db 7

num3 db 9

num4 db 3

sum db 0

# TASK 3:

org 0x100

mov si, 0

mov di, len - 1

loop:

cmp si, di

jae done

mov al,[str + si]

mov ah, [str +di]

mov [str +si], ah

mov [str + di], al

inc si

dec di

jmp loop

int 0x21

str dn '12345'

len equ $ - str

# TASK 4:

org 0x100

mov al, [arr]

mov al,[arr + 1]

mov al,[arr + 2]

mov al,[arr + 3]

mov al,[arr + 4]

mov al,[arr + 5]

mov al,[arr + 6]

mov al,[arr + 7]

mov al,[arr + 8]

mov al,[arr + 9]

mov al,[arr + 10]

mov [sum], al

int 0x21

arr db 1,2,3,4,5,6,7,8,9,10

sum db 0