WEEK-3



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Date 6, 10, 2020

Swap the contents of two Arrays · model Small · data a db 10th, 20th, 30h, 40h, 50h b db 11th, 22h, 83h, 44h, 55h . Code mov ax, @ data mov ds, ax lea Si, a lea di, b mov c1, 05h 11: mov a1, [5:] xchq a1, [di] mov [si], a1 inc Si înc di 100p 11 mov ah, 4ch int 21h end.



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Demonstratation of Instruction of
· model Small
- data
a db 63h
b db 88h
. Code
mov ax, @ data
mov ds, ax
mov a1, a
add a1, b
daa
mov ah, Hch
int 21h
end.
Odding two logge numbers
Adding two large numbers.
model Small
· data
numa db ooh, 03h, 42h, 98h
muma db ofh, 5th, 13h, 64h
nes db 4 dup (9)
· code
mov ax,@data
mov ds, ax
mov Si, osh
mov c1,04h
CIC 120° 1 20 20 20 20 20 20 20 20 20 20 20 20 20
dec: mov a1, num1 [si] adc a1, num2 [si]
doa

Date ___/__/__ mov gres [si], as dec si Loop deci mov ah, 4ch int alh end. Subtracting of two large number -11 · model small - data nums db ooh, o3h, 42h, 98h nume db 07h, 57h, 13h, 64h nes olb 4 dup (9) · code mov ax @ data mov ds, ax mov si, och mov cr, oph CIC desi: mov al, num 1 [si] Sbb a1, numa[si] das mov nes [si], al dec si loop deci mov ah, 4ch int 21h end.