

;Program: Simple.asm
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;Purpose: illustrate use of registers

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.486
.model Flat
ExitProcess PROTO NEAR32 stdcall, dwExitCode:DWORD
.Stack 100h
.Data

strName db 10 dup('AB')
sID      dw ?
iFICA    dd ?
sX        dw 4 dup (25,4,6,7)
iY        dd 2 dup(17)
sZ        dw 4 dup(?)
bMsg1     db 10,13,"Enter num1: 0",0
bMsghello db 10,13,"Hello, World!",0

sNum1     dw ?
sNum2     dw ?

.Code
_start:

    mov ax, sX
    add ax, 4
    mov eax, -1
    add eax, 5
    mov eax, iY
    sub eax, 7
    mov al, strName
    mov edi, offset strName

done:
    INVOKE ExitProcess, 0
PUBLIC _start
```

END