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***fibonashi***

.686

.model flat, stdcall

.stack 4096

ExitProcess proto, dwExitCode:dword

.data

val dword 1

val2 dword 1

val3 dword 1

count dword 9

.code

main proc

mov ecx , count

L0:

mov ebx, val2

mov val ,ebx

mov eax , val3

mov val2 , eax

mov eax , val

mov ebx , val2

add eax , ebx

mov val3 , eax

loop L0

mov val3 , eax

invoke ExitProcess, 0

main endp

end main

TITLE Copying Strings

.686

.model flat, stdcall

.stack 4096

ExitProcess proto, dwExitCode:dword

.data

main\_string BYTE "Original String!", 0

STRING\_SIZE = ($ - main\_string)

;copy\_string BYTE SIZEOF main\_string DUP(0)

copy\_string BYTE STRING\_SIZE DUP(0)

.code

main proc

mov esi, 0

mov ecx, SIZEOF main\_string

;mov ecx, LENGTHOF main\_string

L0:

mov al, main\_string[esi]

mov copy\_string[esi], al

inc esi

loop L0

invoke ExitProcess, 0

main endp

end main