INCLUDE Irvine32.inc

.data

Array1 DWORD 1,2,3,4,5,6,7,8,9

Array2 DWORD 1,2,3,3,3,3

Array3 DWORD 45,45,45,56,56,56,77,88

Sample DWORD 9

Size1 DWORD SIZEOF Array1 / SIZEOF Sample

Size2 DWORD SIZEOF Array2 / SIZEOF Sample

Size3 DWORD SIZEOF Array3 / SIZEOF Sample

.code

main PROC

mov ecx,Size1

mov esi,OFFSET Array1

Call FindThrees

Call WriteInt

Call Crlf

mov ecx,Size2

mov esi,OFFSET Array2

Call FindThrees

Call WriteInt

Call Crlf

mov ecx,Size3

mov esi,OFFSET Array3

Call FindThrees

Call WriteInt

Call Crlf

exit

main ENDP

FindThrees PROC

mov eax,0 ;原本return 0

L1:

mov ebx,[esi]

.IF(ebx==3)

add esi,4

dec ecx

mov ebx,[esi]

.IF(ebx==3)

add esi,4

dec ecx

mov ebx,[esi]

.IF(ebx==3)

add esi,4

dec ecx

mov eax,1 ;連續3個3 return 1

.ENDIF

.ENDIF

.ENDIF

add esi,4

Loop L1

ret

FindThrees EndP

End main

