**TITLE Echo Name ; proc that accepts a string and counts the characters in the string.**

**; Author: Joel Morel**

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Include Irvine32.inc

**.data**

prompt byte "Enter a string of characters: ",0

lengthCount byte "Length of string is: ",0

array byte 20 DUP(0)

**.code**

strLen PROC

push ebp

mov ebp, esp

push edx

mov eax, 0

mov edx, [ebp+8]

L1 :

mov bl, [edx]

cmp bl, 0

je last

inc eax

inc edx

loop L1

last:

pop edx

pop ebp

ret 4

strLen ENDP

strPut PROC

push ebp

mov ebp, esp

push edx

mov edx, [ebp+8]

call writestring

call crlf

pop edx

pop ebp

ret 4

strPut ENDP

main PROC

push offset prompt

call strPut

mov edx, offset array

mov ecx, lengthof array

call ReadString

push edx

call strLen

push offset lengthCount

call strPut

call writedec

call crlf

exit

main ENDP

**END main**