include irvine32.inc

.data

val dword 32,23,54,65,21,35,1,2,3,4

.code

array\_sum proc addd:ptr dword,sizeo:dword

pushad

mov eax,0

mov esi,addd

mov ecx,sizeo

start:

add eax,[esi]

add esi,4

LOOP start

call writedec

popad

ret

array\_sum endp

main proc

mov esi,0

INVOKE array\_sum,OFFSET val,lengthof val

exit

main endp

end main