.386

.model flat.stdcall

option casemap:none

include \masm32\include\windows.inc

include \masm32\include\kernel32.inc

include \masm32\include\msvcrt.inc

include \masm32\include\user32.inc

includelib \masm32\lib\kernel32.lib

includelib \masm32\lib\user32.lib

includelib \masm32\lib\msvcrt.lib

include \masm32\macros\macros.asm

.data

format db '%d',0

i dd 0

f dd 0

n dd 0

.code

start:

invoke crt\_scanf,addr format,addr n

mov eax,2

mov i,eax

mov eax,1

mov 1,eax

label1:

mov eax,n

cmp i,eax

ja label2

mov eax,f

mul i

mov f,eax

inc i

jmp label1

label2:

mov eax,f

invoke crt\_printf,addr format,eax

;invoke ExitProcess,0

end start