Task1:

.386

.model flat,stdcall

.stack 4096

ExitProcess PROTO, dwExitCode:DWORD

.data

A DWORD 16

I DWORD 0

.code

main PROC

call someTest

mov I, eax

INVOKE ExitProcess,0

main ENDP

someTest PROC

mov ebx, 0

CONTINUE:

mov eax, ebx

mov edx, ebx

mul edx

cmp eax, A

je IXIEQUALSA

inc ebx

jmp CONTINUE

IXIEQUALSA:

RET

someTest ENDP

END main

Task2

.text

.Ltext0:

.globl square

.type square, @function

square:

movl $16, %ecx

movl $0, %ebx

CONTINUE:

movl %ebx, %eax

movl %ebx, %edx

mul %edx

cmp %ecx, %eax

je IXIEQUALSA

inc %ebx

jmp CONTINUE

IXIEQUALSA

ret