INCLUDE Irvine32.inc

.data

svar SBYTE -10

x byte 1

.code

main PROC

;Q3 lab manual 8

mov ebx,0

mov edx,0

mov eax,0

mov bl,2

shl bl,3

add dl,bl

mov bl,2

shl bl,1

add dl,bl

mov bl,1

shl bl,0

add dl,bl ;dl=21

;call crlf

;call readdec

;mul dl

;call writedec

call dumpregs

;general case Q3

mov ebx,0

mov edx,0

mov eax,0

mov ecx,0

call readdec

l1:

mov cl,0

mov bl,2

shl bl,cl

add dl,bl

cmp al,dl

inc cl

jb l2

jmp l1

l2:exit

exit

main ENDP

end main