Code

; CIS310 - Program 3

; Srinivas Simhan

TITLE Program3

INCLUDE Irvine32.inc

.data

.386

;.model flat,stdcall

.stack 4096

ExitProcess proto,dwExitCode:dword

SCORES WORD 77, 92, 64, 57, 81

s BYTE "SCORES: ", 0

g BYTE "GRADES: ", 0

space BYTE ", ", 0

doublespace BYTE", ", 0

.code

main proc

mov dx, 0

mov edx, OFFSET s

call WriteString

mov dx, 0

mov edx, OFFSET space

mov edi, OFFSET SCORES

mov ecx, LENGTHOF SCORES

mov eax, 0

L1:

mov ax, [edi]

call WriteDec

call WriteString

add edi, TYPE SCORES

loop L1

call CRLF

mov dx, 0

mov edx, OFFSET g

call WriteString

mov edi, OFFSET SCORES

mov ecx, LENGTHOF SCORES

mov eax, 0

mov dx, 0

mov edx, OFFSET doublespace

L2:

mov ax, [edi]

cmp ax, 90

jae A

cmp ax, 80

jae B

cmp ax, 70

jae CC

cmp ax, 60

jae D

jmp E

A: mov al, 'A'

call WriteChar

add edi, TYPE SCORES

jmp next

B: mov al, 'B'

call WriteChar

add edi, TYPE SCORES

jmp next

CC: mov al, 'C'

call WriteChar

add edi, TYPE SCORES

jmp next

D: mov al, 'D'

call WriteChar

add edi, TYPE SCORES

jmp next

E: mov al, 'E'

call WriteChar

add edi, TYPE SCORES

jmp next

next: call WriteString

loop L2

invoke ExitProcess, 0

main endp

end main

Screenshot

