**TASK # 1:**

TITLE Task 1

INCLUDE Irvine32.inc

.data

val1 SBYTE ?

val2 SBYTE -10

.code

main PROC

mov eax, 0

mov al, val2

mov val1,al

call writedec

call crlf

exit

main ENDP

END main

**TASK # 2:**

TITLE Task 2

INCLUDE Irvine32.inc

.data

val WORD ?

.code

main PROC

mov ebx,0

mov bx,val

call writedec

call crlf

exit

main ENDP

END main

**TASK # 3:**

TITLE Task 3

INCLUDE Irvine32.inc

.data

Val3 SDWORD -2147483648

.code

main PROC

mov ebx,0

mov bx,val3

call writedec

call crlf

exit

main ENDP

END main

**TASK # 4:**

TITLE Task 4

INCLUDE Irvine32.inc

.data

wArray WORD 2,3,4

.code

main PROC

mov eax,0

mov ax,wArray

call writedec

call crlf

exit

main ENDP

END main

**TASK # 5:**

TITLE Task 5

INCLUDE Irvine32.inc

.data

string BYTE "black",0

.code

main PROC

mov eax,0

mov al,string

call writechar

call crlf

exit

main ENDP

END main

**TASK # 6:**

TITLE Task 6

INCLUDE Irvine32.inc

.data

A WORD 12

B WORD 2

C1 WORD 13 ; C maybe the keyword (synatx error while initializing value in C)

D WORD 8

E WORD 14

value WORD ?

.code

main PROC

mov eax,0

mov ebx,0

mov ax,A

mul B

mov B,ax

mov ax,C1

mul D

add ax,B

sub ax,E

mov value,ax

call writedec

call crlf

exit

main ENDP

END main