**ASSIGNMENT #02** COAL LAB

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**Section: C**

**Question #1**

include irvine32.inc

.data

var1 DT 0AABBBBCCCCDDDDEEFFFFh

var2 DT 0AABBBBCCCCDDDDEEFFFFh

variable3 REAL10 ?

.CODE

MAIN PROC

fld var1

fld var2

fadd

FSTP variable3

xor eax,eax

mov eax,dword ptr variable3

call writehex

xor eax,eax

mov eax,dword ptr variable3+4

call writehex

xor eax,eax

mov ax,word ptr variable3+8

call writehex

call crlf

exit

MAIN ENDP

END MAIN

**Question # 2**

include irvine32.inc

.data

var1 DT 0AABBBBCCCCDDDDEEFFFFh

var2 DT 0AABBBBCCCCDDDDEEFFFFh

variable3 REAL10 ?

.CODE

MAIN PROC

fld var1

fld var2

fmul

FSTP variable3

xor eax,eax

mov eax,dword ptr variable3

call writehex

xor eax,eax

mov eax,dword ptr variable3+4

call writehex

xor eax,eax

mov ax,word ptr variable3+8

call writehex

call crlf

exit

MAIN ENDP

END MAIN

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