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COAL LAB 2

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**Task1**

Include Irvine.inc

.data

.code

main proc

mov ax, 47

add ax, 39

add ax, 60

add ax, 85

add ax, 64

add ax, 54o

sub ax, 0AH

exit

main endp

end main

**Task2**

Include Irvine32.inc

.data

.code

main proc

mov ax, 30

sub ax, 9

add ax, 186

sub ax, 150

call dumpregs

exit

main endp

end main

**Task3**

Include Irvine32.inc

.data

F DWORD?

.code

main proc

mov eax, 101110

add eax, 50AH + 6710d + 1010001 + F

call Dumpregs

exit

main endp

end main

**Task4**

Include Irvine32.inc

.data

E DWORD?

F DWORD?

.code

main proc

mov eax, 10001101

sub eax, D83h

add eax, 385

add eax, 10

add eax, 1111101

sub eax, E

add eax, F

CALL DumpRegs

exit

main endp

end main

**Task5**

Include Irvine32.inc

.data

.code

main proc

add edx, ebx

add edx, 0AH-650 +73d + 1

sub edx, ecx

sub edx, eax

CALL DumpRegs

exit

main endp

end main

**Task6**

Include Irvine32.inc

.data

.code

main proc

mov eax, 5ADh

sub eax, eax

mov ebx, 65o

add ebx, 65d-11110111

add ebx, 150

mov eax, ebx

CALL DumpRegs

exit

main endp

end main