**COAL LAB 2**

**Question 1**

INCLUDE Irvine32.inc

.code

main PROC

MOV eax, 47

ADD eax, 39

ADD eax, 60

ADD eax, 85

ADD eax, 64

ADD eax, 54o

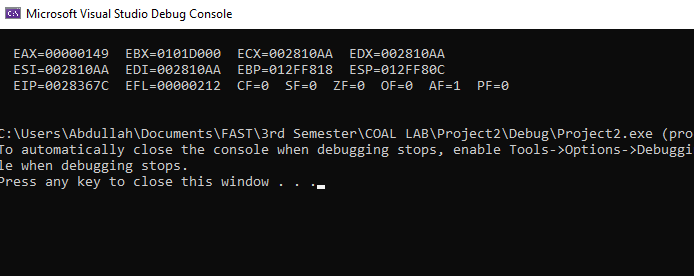
SUB eax, 0Ah

call DumpRegs

exit

main ENDP

END main

****

**Question 2**

include irvine32.inc

.code

main PROC

MOV eax, 30

ADD eax, 186

SUB eax, 9

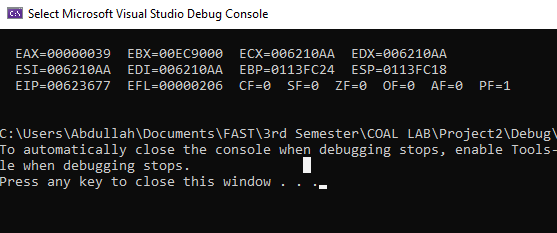
SUB eax, 150

call DumpRegs

exit

main endp

end main

****

**Question 3**

include irvine32.inc

.code

main PROC

MOV eax, 101110b

ADD eax, 50Ah

ADD eax, 6710d

ADD eax, 1010001b

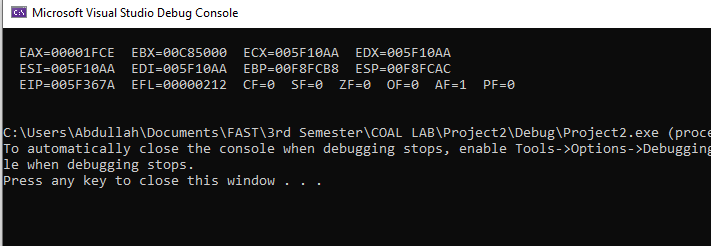
ADD eax, 0Fh

call DumpRegs

exit

main ENDP

end main

****

**Question 4**

Include irvine32.inc

.code

main PROC

MOV eax, 10001101b

ADD eax, 385d

ADD eax, 10d

ADD eax, 1111101

ADD eax, 0Fh

SUB eax, 0D83h

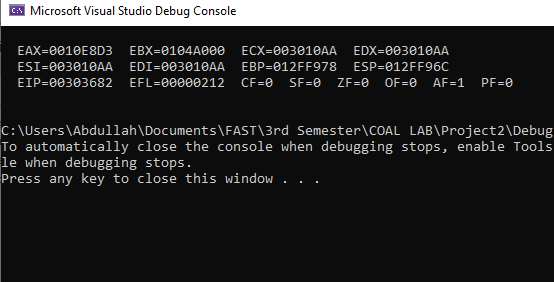
SUB eax, 0Eh

CALL DumpRegs

exit

main ENDP

end main

****

**Question 5**

include Irvine32.inc

.code

main PROC

MOV ebx, 1

ADD ebx, 0AH

ADD ebx, 73d

SUB ebx, 65o

ADD ebx, edx

SUB ebx, ecx

SUB ebx, eax

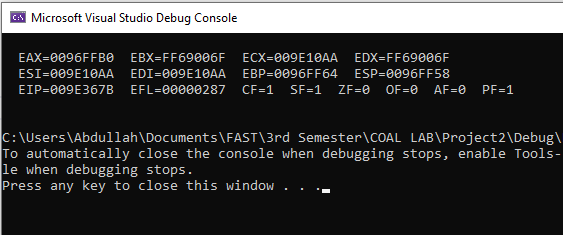
MOV edx, ebx

call DumpRegs

exit

main ENDP

end main

****

**Question 6**

Include irvine32.inc

.code

main PROC

MOV edx, 5ADh

ADD edx, 65o

ADD edx, 65d

SUB edx, 11110111

ADD edx, 150d

SUB edx, eax

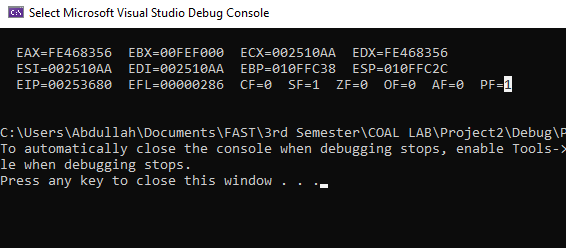
MOV eax, edx

CALL DumpRegs

exit

main ENDP

end main

****