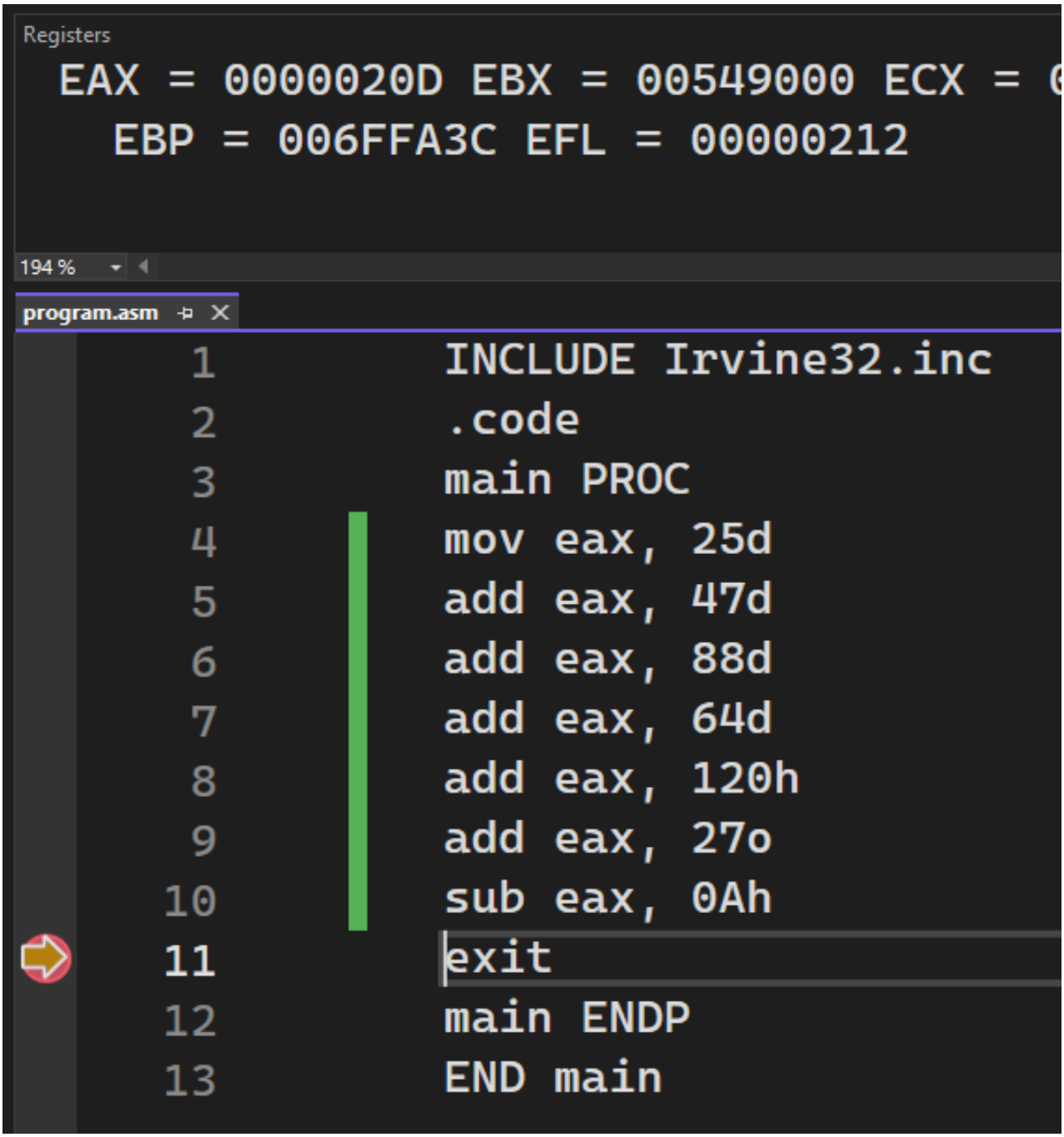
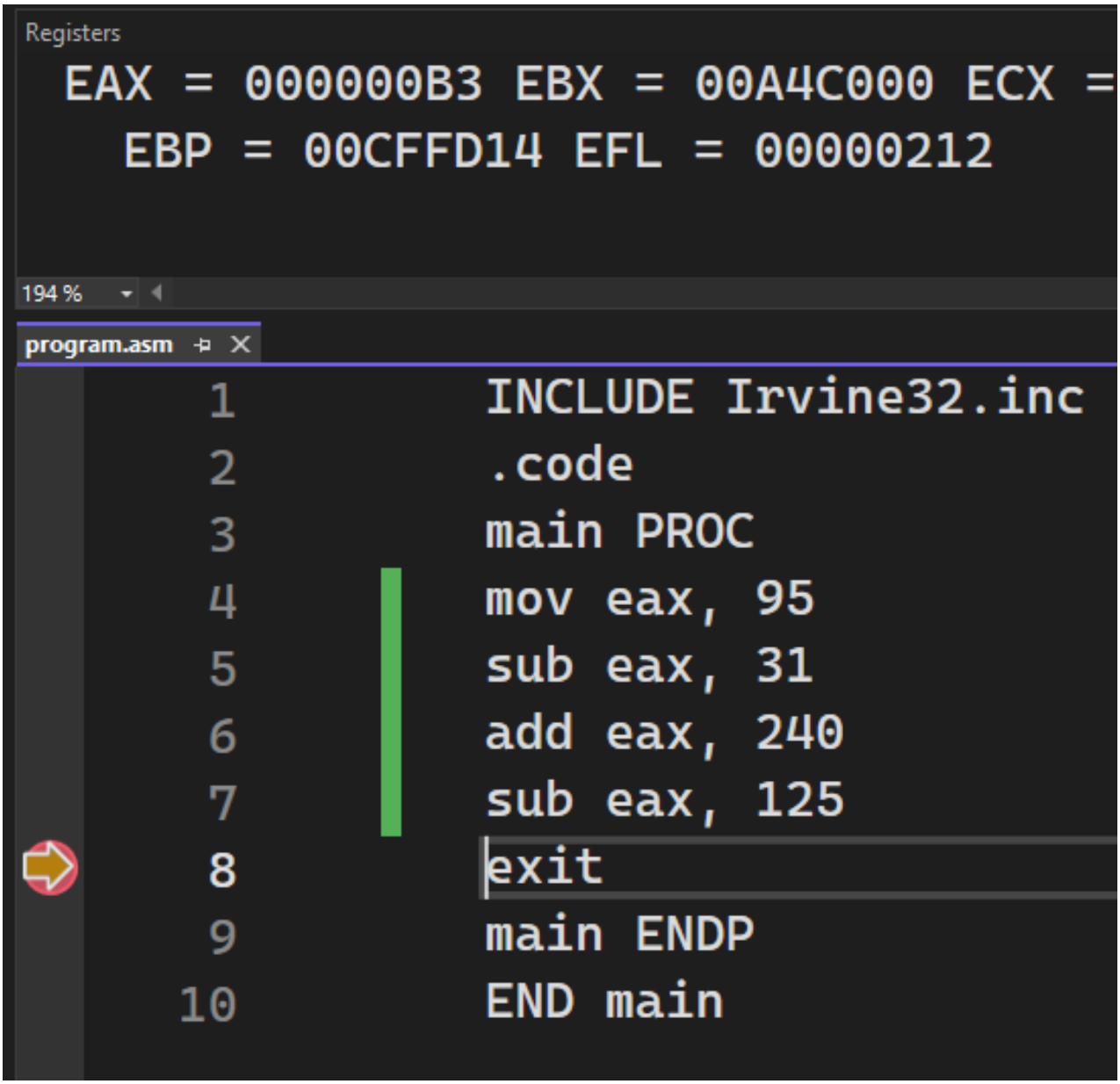
Q1

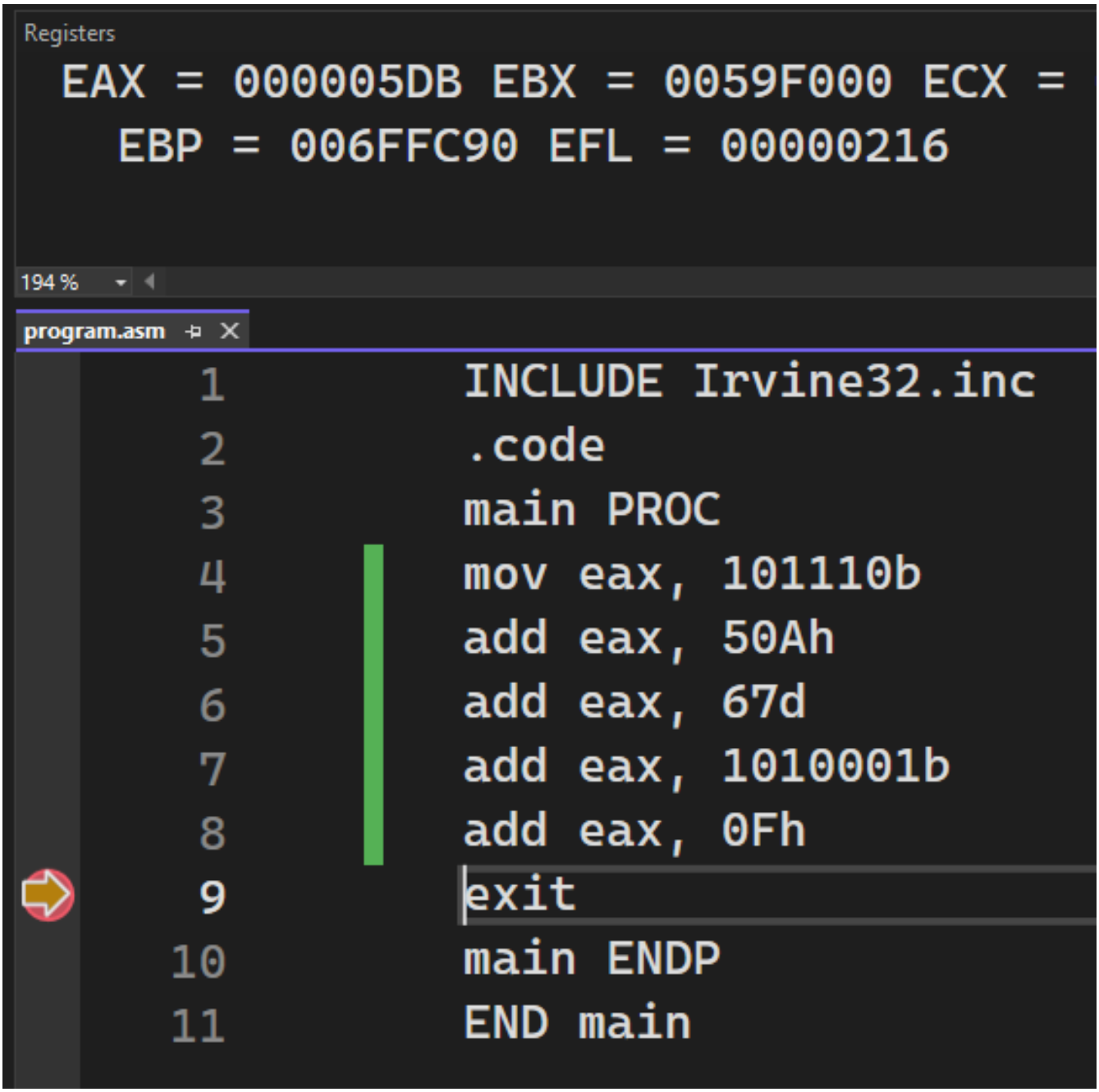
1)


Registers
EAX = 0000020D EBX = 00549000 ECX =
EBP = 006FFA3C EFL = 00000212
194 %
program.asm
1 INCLUDE Irvine32.inc
2 .code
3 main PROC
4 mov eax, 25d
5 add eax, 47d
6 add eax, 88d
7 add eax, 64d
8 add eax, 120h
9 add eax, 27o
10 sub eax, 0Ah
11 exit
12 main ENDP
13 END main

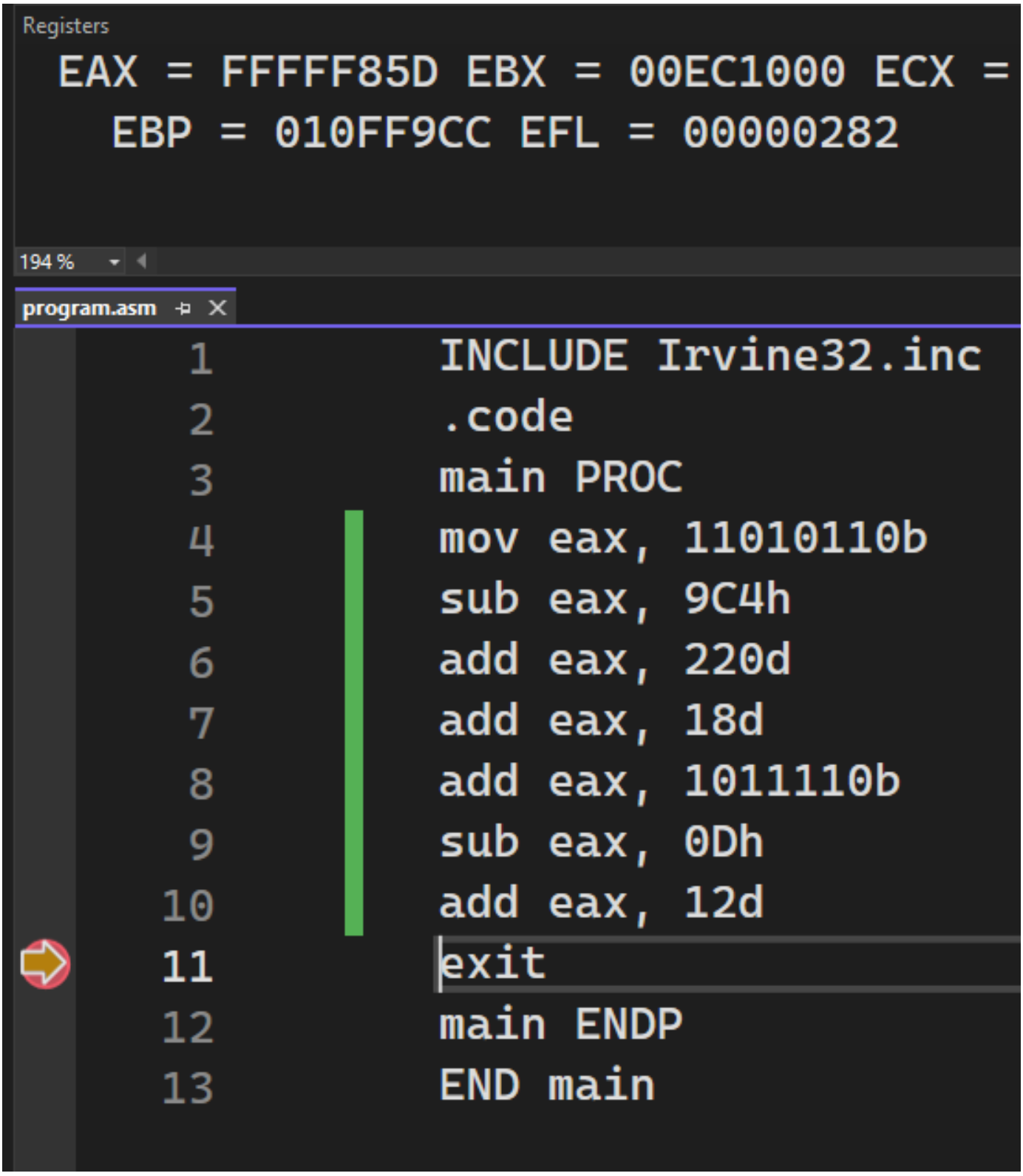
2)


Registers
EAX = 000000B3 EBX = 00A4C000 ECX =
EBP = 00CFFD14 EFL = 00000212
194 %
program.asm
1 INCLUDE Irvine32.inc
2 .code
3 main PROC
4 mov eax, 95
5 sub eax, 31
6 add eax, 240
7 sub eax, 125
8 exit
9 main ENDP
10 END main

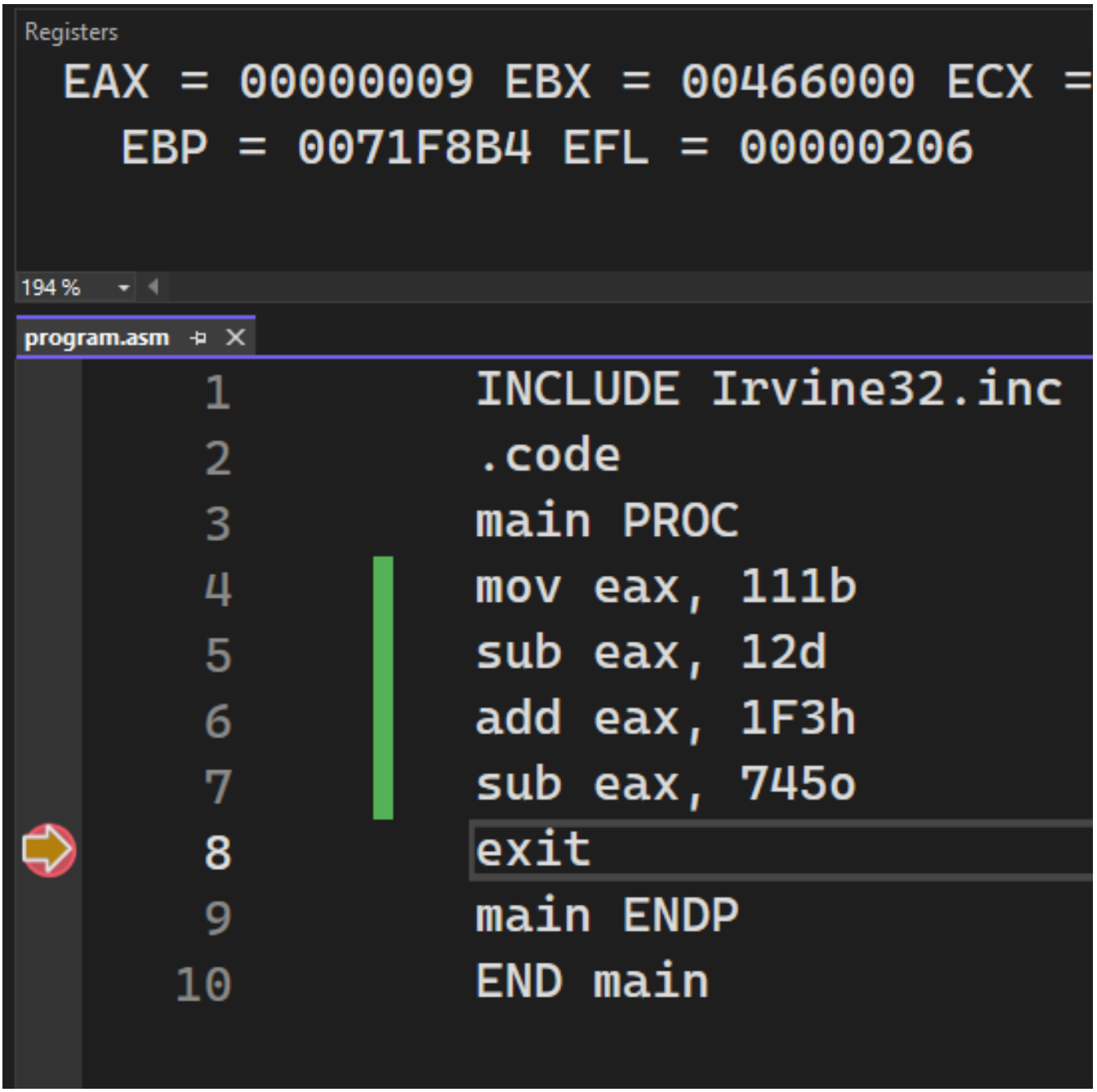
3)


Registers
EAX = 000005DB EBX = 0059F000 ECX =
EBP = 006FFC90 EFL = 00000216
194 %
program.asm
1 INCLUDE Irvine32.inc
2 .code
3 main PROC
4 mov eax, 101110b
5 add eax, 50Ah
6 add eax, 67d
7 add eax, 1010001b
8 add eax, 0Fh
9 exit
10 main ENDP
11 END main

4)

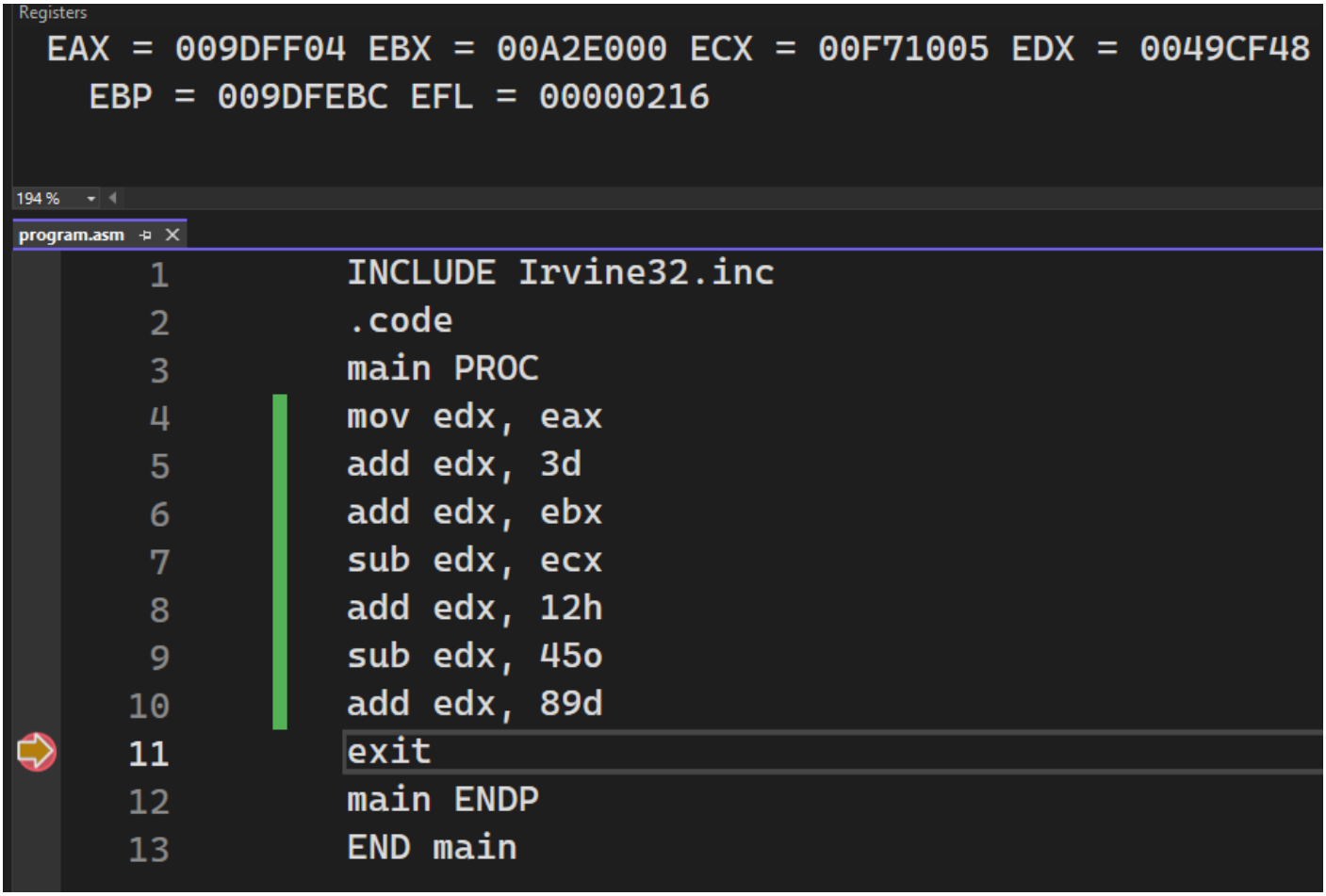

Registers
EAX = FFFFF85D EBX = 00EC1000 ECX =
EBP = 010FF9CC EFL = 00000282
194 %
program.asm
1 INCLUDE Irvine32.inc
2 .code
3 main PROC
4 mov eax, 11010110b
5 sub eax, 9C4h
6 add eax, 220d
7 add eax, 18d
8 add eax, 1011110b
9 sub eax, 0Dh
10 add eax, 12d
11 exit
12 main ENDP
13 END main

5)

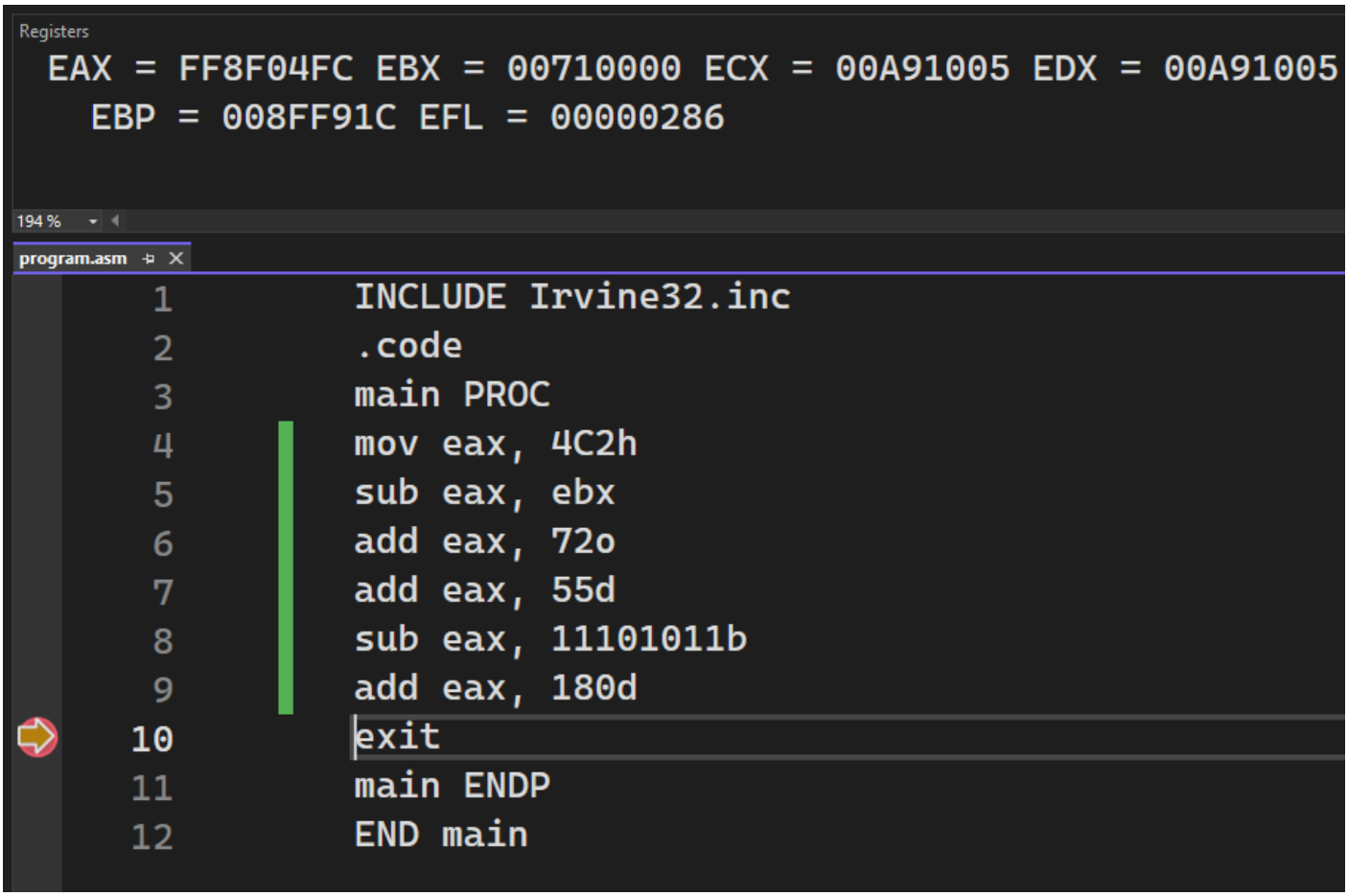

Registers
EAX = 00000009 EBX = 00466000 ECX =
EBP = 0071F8B4 EFL = 00000206
194 %
program.asm
1 INCLUDE Irvine32.inc
2 .code
3 main PROC
4 mov eax, 111b
5 sub eax, 12d
6 add eax, 1F3h
7 sub eax, 745o
8 exit
9 main ENDP
10 END main

Q2

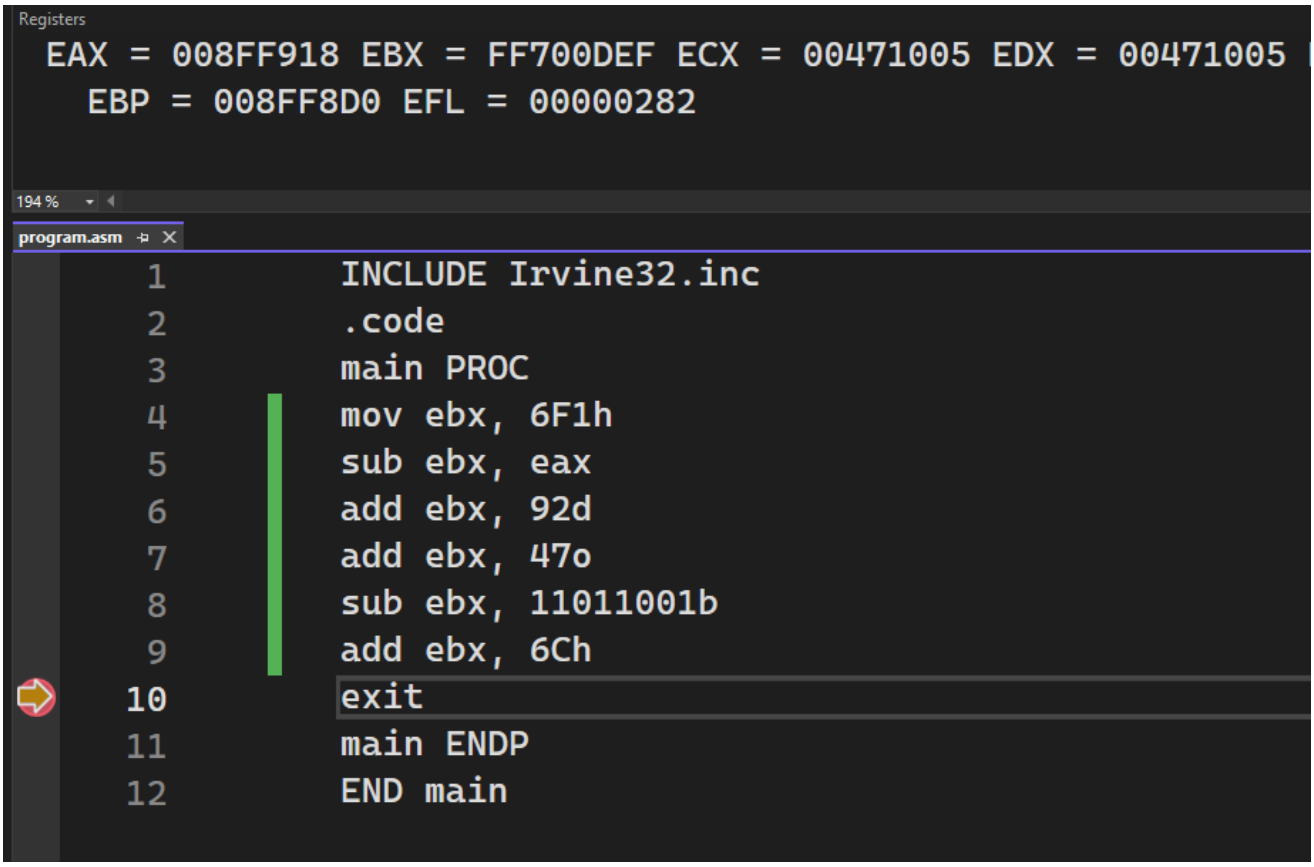
1)


Registers
EAX = 009DFF04 EBX = 00A2E000 ECX = 00F71005 EDX = 0049CF48
EBP = 009DFEBC EFL = 00000216
194 %
program.asm
1 INCLUDE Irvine32.inc
2 .code
3 main PROC
4 mov edx, eax
5 add edx, 3d
6 add edx, ebx
7 sub edx, ecx
8 add edx, 12h
9 sub edx, 45o
10 add edx, 89d
11 exit
12 main ENDP
13 END main

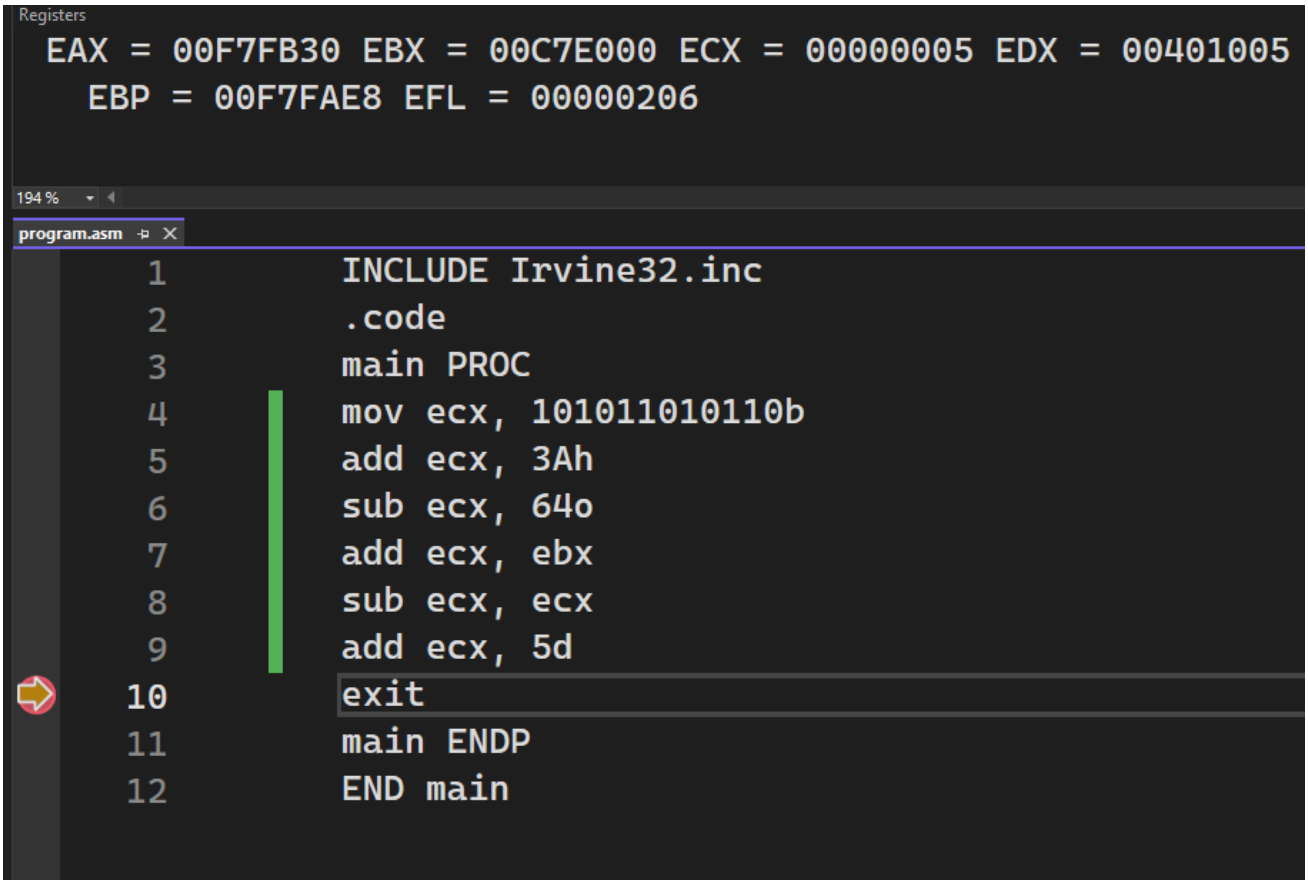
2)


Registers
EAX = FF8F04FC EBX = 00710000 ECX = 00A91005 EDX = 00A91005
EBP = 008FF91C EFL = 00000286
194 %
program.asm
1 INCLUDE Irvine32.inc
2 .code
3 main PROC
4 mov eax, 4C2h
5 sub eax, ebx
6 add eax, 72o
7 add eax, 55d
8 sub eax, 11101011b
9 add eax, 180d
10 exit
11 main ENDP
12 END main

3)


Registers
EAX = 008FF918 EBX = FF700DEF ECX = 00471005 EDX = 00471005
EBP = 008FF8D0 EFL = 00000282
194 %
program.asm
1 INCLUDE Irvine32.inc
2 .code
3 main PROC
4 mov ebx, 6F1h
5 sub ebx, eax
6 add ebx, 92d
7 add ebx, 47o
8 sub ebx, 11011001b
9 add ebx, 6Ch
10 exit
11 main ENDP
12 END main

4)


Registers
EAX = 00F7FB30 EBX = 00C7E000 ECX = 00000005 EDX = 00401005
EBP = 00F7FAE8 EFL = 00000206
194 %
program.asm
1 INCLUDE Irvine32.inc
2 .code
3 main PROC
4 mov ecx, 101011010110b
5 add ecx, 3Ah
6 sub ecx, 64o
7 add ecx, ebx
8 sub ecx, ecx
9 add ecx, 5d
10 exit
11 main ENDP
12 END main