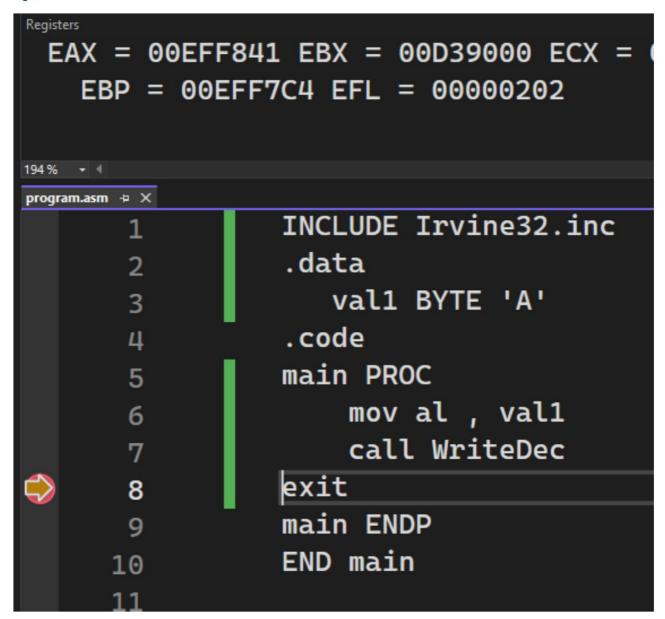
LAB 03

Q1



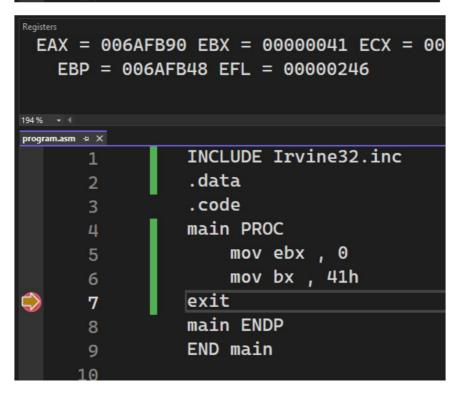
```
INCLUDE Irvine32.inc
.data
   num1 SBYTE -128
   num2 BYTE 255
   temp BYTE ?
. code
main PROC
exit
main ENDP
END main
```

```
INCLUDE Irvine32.inc
.data
greeting BYTE "Good Night" , 0
.code
main PROC
exit
main ENDP
END main
```

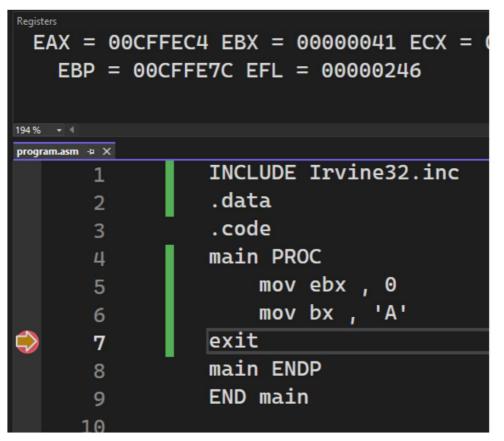
Q4

```
INCLUDE Irvine32.inc
.data
zeros BYTE 10 DUP(0)
Words BYTE 5 DUP(?)
.code
main PROC
exit
main ENDP
END main
```

```
Registers
 EAX = 012FFA30 EBX = 00000041 ECX = 0
   EBP = 012FF9E8 EFL = 00000246
194 % ▼ ◀
program.asm 💠 🗙
                 INCLUDE Irvine32.inc
       1
       2
                 .data
                 . code
       3
                 main PROC
                      mov ebx , 0
       5
                      mov bx , 65
       6
                 exit
       7
                 main ENDP
       8
                 END main
       9
      10
```



```
EAX = 007BF9AC EBX = 00000041 ECX = 000000041
   EBP = 007BF964 EFL = 00000246
194% → ◀
program.asm + X
                 INCLUDE Irvine32.inc
       1
                 .data
       2
                 . code
       3
                 main PROC
       4
                      mov ebx , 0
       5
                      mov bx , 01000001b
       6
                 exit
       7
                 main ENDP
       8
                 END main
       9
```



```
EAX = 00000017 EBX = 00957000 ECX = 00E
   EBP = 007CFE00 EFL = 00000206
194% → ◀
program.asm 💠 🗙
                INCLUDE Irvine32.inc
      1
      2
                .data
                . code
      3
                main PROC
      4
      5
                     mov eax , 0
                     mov ax , 10
      6
                     add ax , 20
      7
                     sub ax, 5
      8
                     sub ax, 2
     9
                exit
     10
                main ENDP
     11
                END main
     12
```

INCLUDE irvine32.inc .data . code main PROC mov eax,10000h add eax,40000h sub eax,20000h call DumpRegs exit main ENDP **END** main