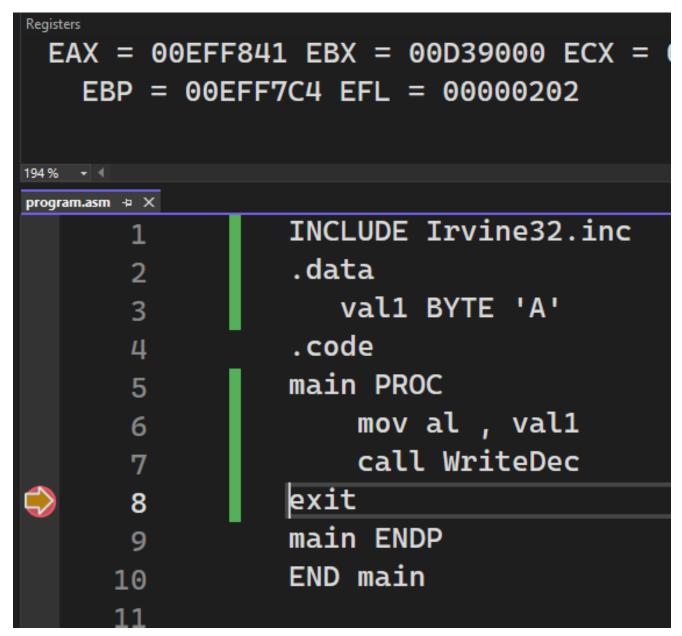
## **LAB 03**

Q1

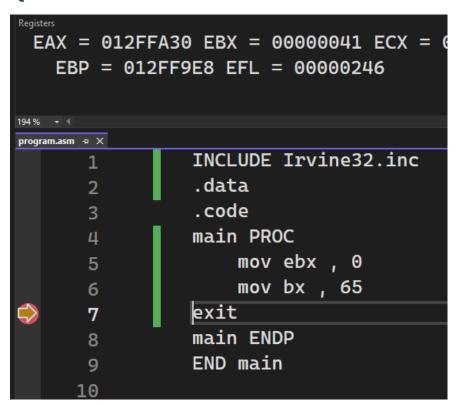


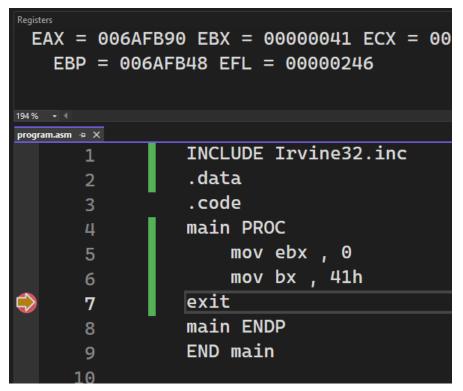
```
INCLUDE Irvine32.inc
.data
   num1 SBYTE -128
   num2 BYTE 255
   temp BYTE ?
. code
main PROC
exit
main ENDP
END main
```

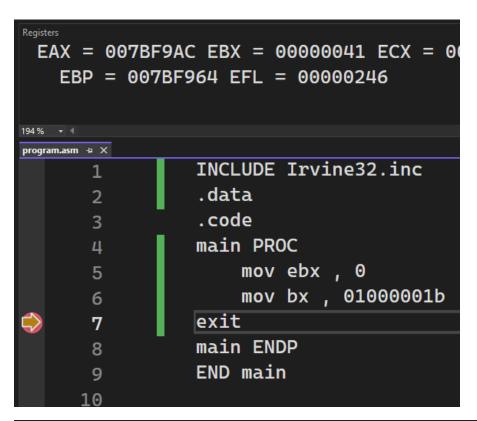
```
INCLUDE Irvine32.inc
.data
greeting BYTE "Good Night" , 0
.code
main PROC
exit
main ENDP
END main
```

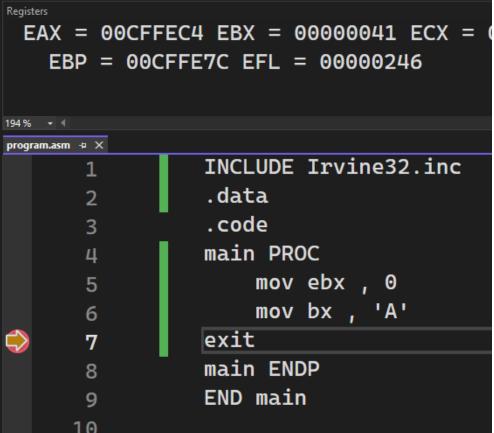
Q4

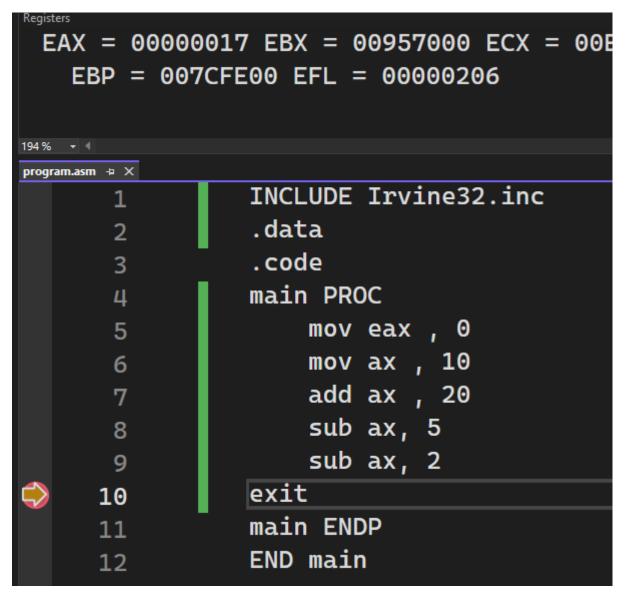
```
INCLUDE Irvine32.inc
.data
zeros BYTE 10 DUP(0)
words BYTE 5 DUP(?)
.code
main PROC
exit
main ENDP
END main
```











## INCLUDE irvine32.inc

```
.data
. code
main PROC
     mov eax,10000h
     add eax,40000h
     sub eax,20000h
     call DumpRegs
exit
main ENDP
END main
```

```
.data
str1
           BYTE "Computer",0
str2
           BYTE "Science",0
msg1
           BYTE "Before copy: ",0
                                                                                       Microsoft Visual Studio Debu; × + -
           BYTE "After copy : ",0
msg2
                                                                                      Before copy: Science
After copy : Computer
           BYTE 13,10,0
nl
                                                                                      E:\SetUp Project\Debug\SetUp Project.exe (process 126
To automatically close the console when debugging stop
le when debugging stops.
Press any key to close this window . . .
.code
main PROC
     mov edx, OFFSET msg1
     call WriteString
     mov edx, OFFSET str2
     call WriteString
     mov edx, OFFSET nl
     call WriteString
     mov esi, OFFSET str1
mov edi, OFFSET str2
     mov ecx, LENGTHOF str1
     cld
     rep movsb
     mov edx, OFFSET msg2
     call WriteString
     mov edx, OFFSET str2
     call WriteString
     mov edx, OFFSET nl
     call WriteString
```