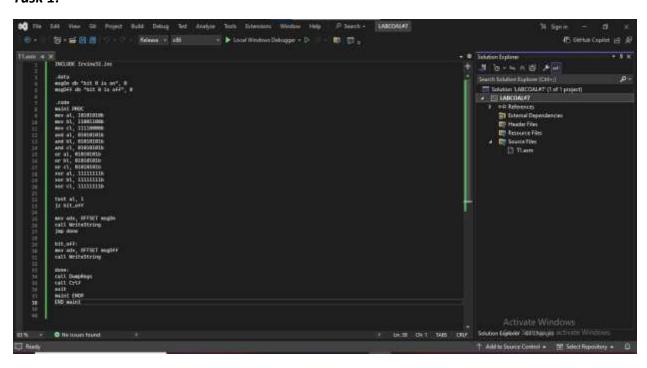
COAL LAB # 7

Task 1:



```
bit 0 is off

EAX=0019FFAA EBX=003200AA ECX=006A1FAA EDX=006A400C

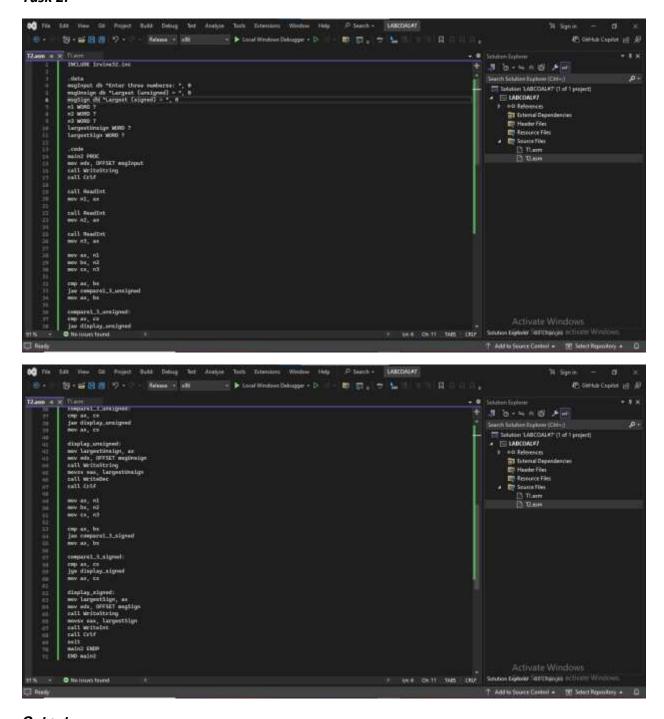
ESI=006A1FE0 EDI=006A1FE0 EBP=0019FEF8 ESP=0019FEEC

EIP=006A201D EFL=00000202 CF=0 SF=0 ZF=0 OF=0 AF=0 PF=0

C:\Users\Lenovo\OneDrive\Desktop\LABCOAL#4\LABCOAL#7\Release\LABCOAL#7.exe (process 6200) exited with code 0 (0x0).

Press any key to close this window . . . _
```

Task 2:



```
Enter three numberss:
25
-47
33
Largest (unsigned) = 65489
Largest (signed) = +33
C:\Users\Lenovo\OneDrive\Desktop\LABCOAL#4\LABCOAL#7\Release\LABCOAL#7.exe (process 6180) exited with code 0 (0x0).
Press any key to close this window . . .
```

Task 3:

```
File Edit Vien Git Project Build Debug Test Analyze Tools Extensions Window Help Pasenth - LABCOALFT

The Committee of the Committee of the step): / A sequence of the step indicate of the step indic
```

Task 4:

```
Do File Edit View Git Project Build Debug Test Analyze Tools Extensions Window Help Search - LABCOAL≠7
               部・■ 图 5 + 1 Release • x86
                                                                                   ► Local Windows Debugger • D | • 🚮 🖫 😅 💹 🖫 🖫 🗎
 T4.asm s X Tillium
               .data
prompt EVIE "Enter ten numbers: ", 0
mag! EVIE "Enter", 0
mag! EVIE "False", 0
mag! EVIE "False", 0
0 00000 7
       .code
main! PROC
mov eds, DFFSET prompt
call Mritalitring
call Crtf
                call ReadInt
                call ReadInt
                cmp ess, ebs
|le conditionalFalse|
|cmp ess, 198
|ge conditionalFalse
                conditionalTrue:
mov eds, OFFSET mogT
call WriteString
call Crtf
jmp endIf
                conditionalFalse:
mov adx, OFFSET mogF
call MriteString
call Crlf
                modIf:
rall WaitMog
exit
main4 EMDF
EMD main4
 75 %: * ON issues found
                                                                                                                                                                  tre 26 Chr 21 TABS CREE
tem(s) Saved
```

```
Enter two numbers:
2
55
False
Press any key to continue...
C:\Users\Lenovo\OneDrive\Desktop\LABCOAL#4\LABCOAL#7\Release\LABCOAL#7.exe (process 644) exited with code 0 (0x0).
Press any key to close this window . . ...
```

Task 5:

```
📢 File Edit View Git Project Build Debug Test Analyze Tools Extensions Window Help 🔑 Search - LABCOAL#7
  ● - 15 - 16 P 19 - Release - x.85
                                                           E Local Windows Debugger 🔻 🕽 📅 👹 🖫 🖫 🖫 🖫
T5.asm + X Error List
             INCLUDE Irvine32.inc
              msgl BYTE "Initial value: ", 0
              msg2 BYTE "New Value: ", 8
              main5 PROC
             mov edx, OFFSET msgl call WriteString
     10
11
12
13
14
15
10
17
18
20
21
22
23
25
26
             mov eax, 16 call WriteInt
              call Crlf
              mov eax, 10
              loop:
              cmp eax, 8
              jl done
              sub eax, 3
              jmp loop
              mov edx, OFFSET msg2
call WriteString
              call WriteInt
              call Crlf
              exit
              main5 ENDP
              END main5
100 % + O No issues found
                                                                                                            F Ln: 26 Ch: 10 TABS CRLF
```

```
Initial value: +10
New Value: -2
C:\Users\Lenovo\OneDrive\Desktop\LABCOAL#4\LABCOAL#7\Release\LABCOAL#7.exe (process 10820) exited with code 0 (0x0).
Press any key to close this window . . .
```