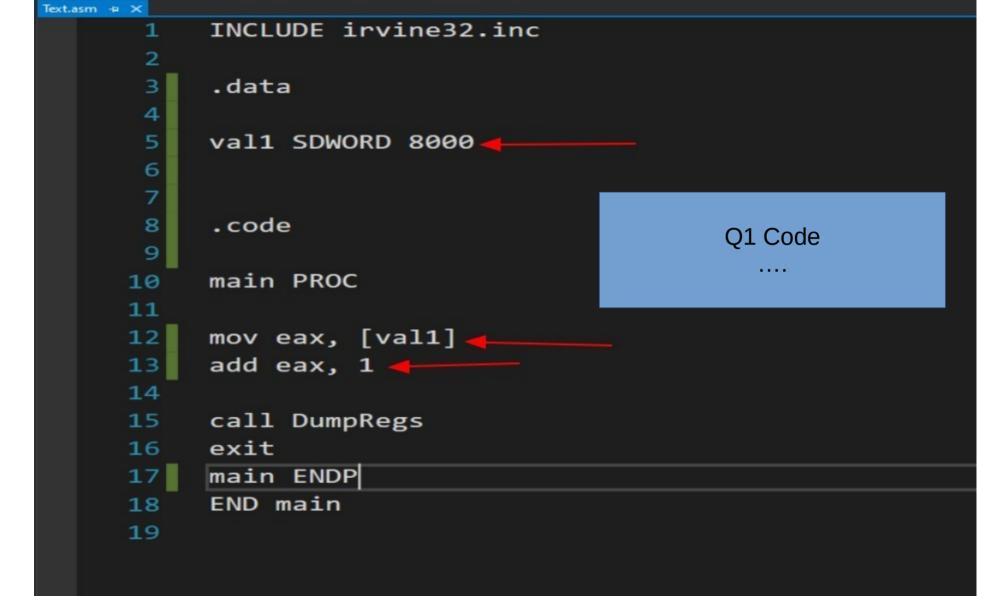
COAL LAB

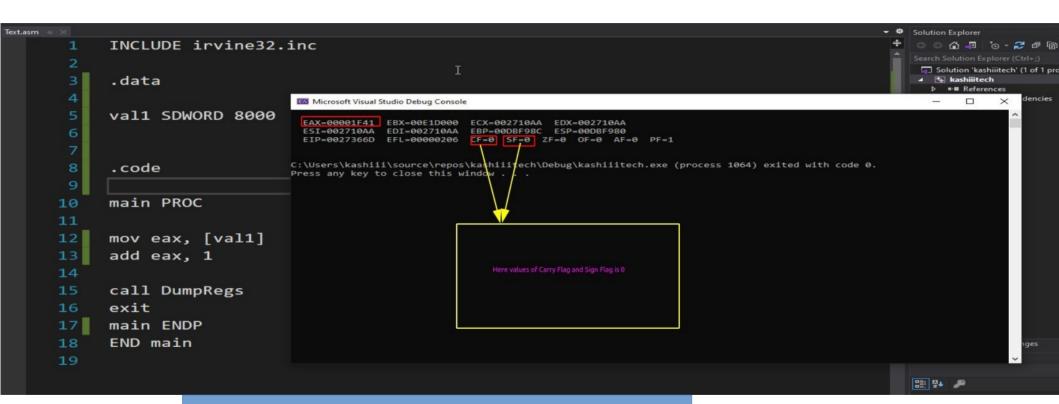
Name: Kashif Ali

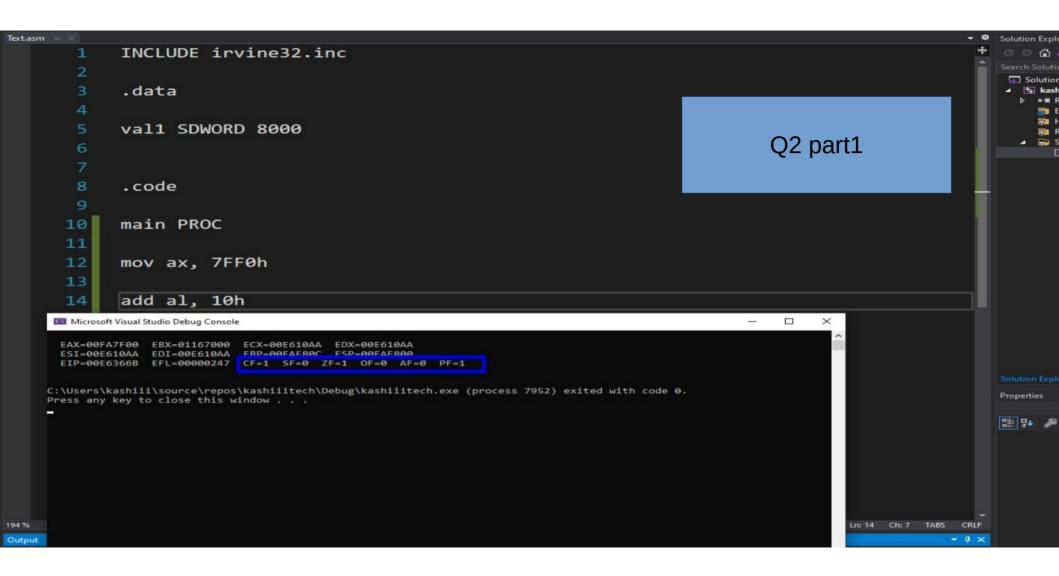
Roll No: 20K-1890

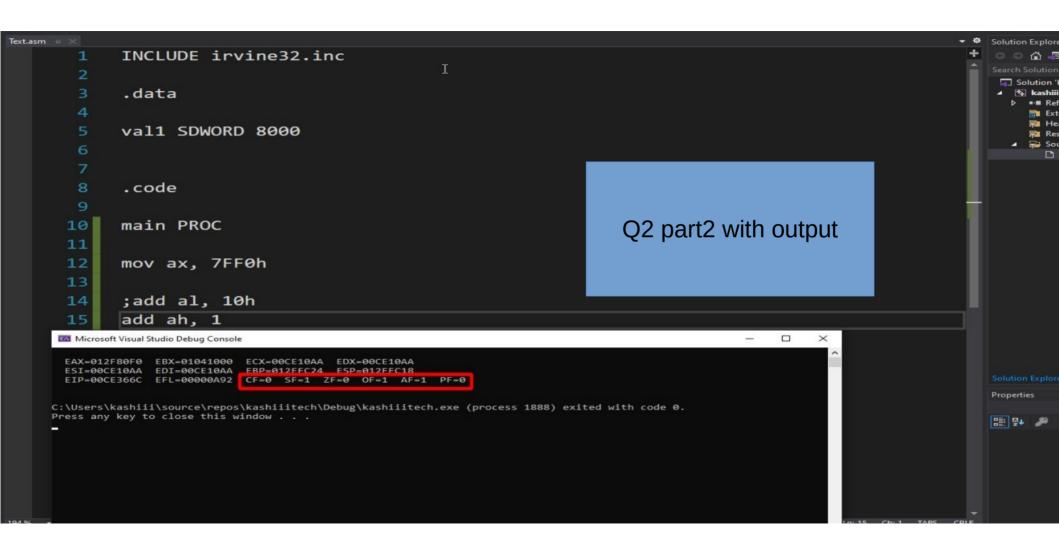
Task No 4

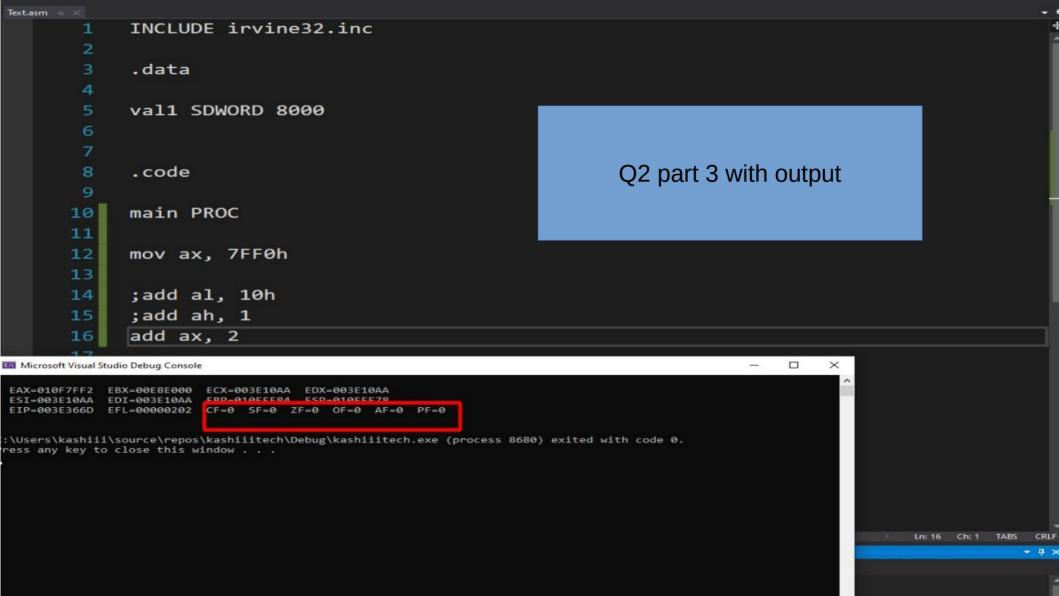
Submitted to: Muhammad Kariz kamal

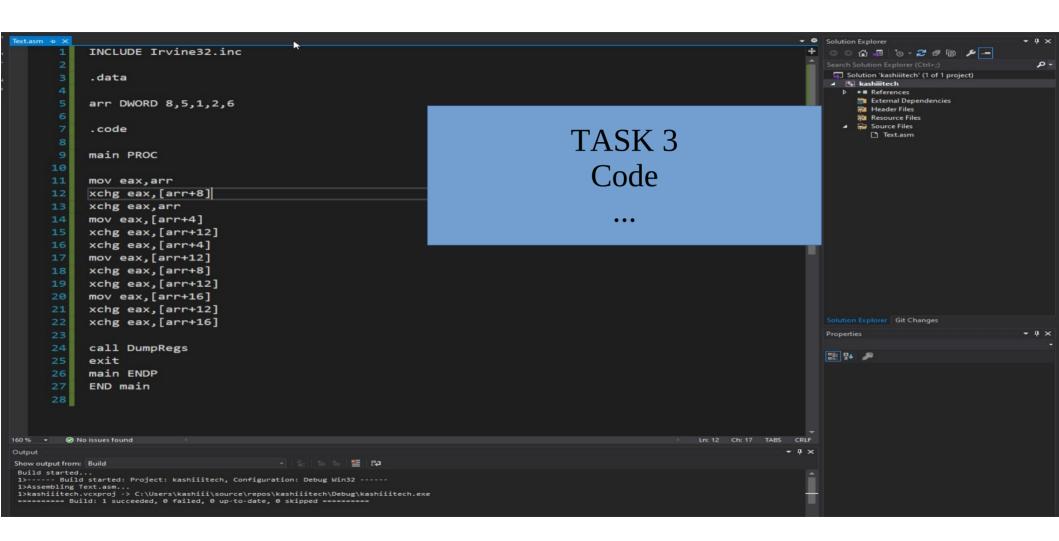


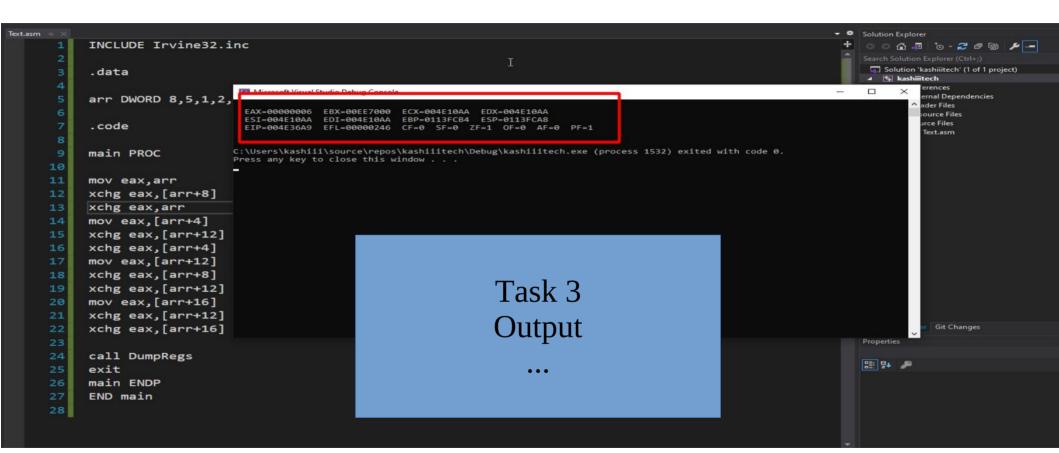




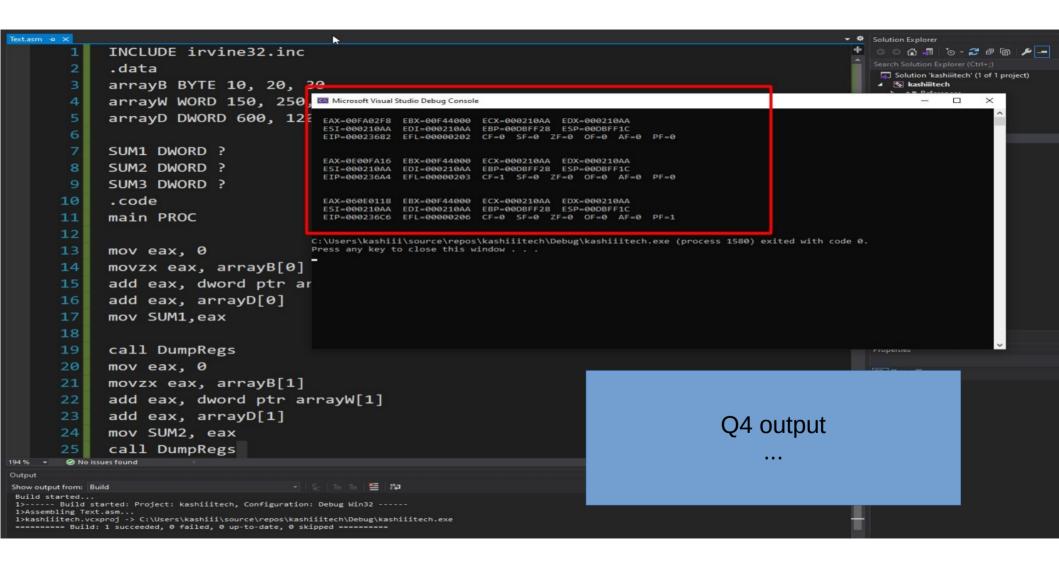


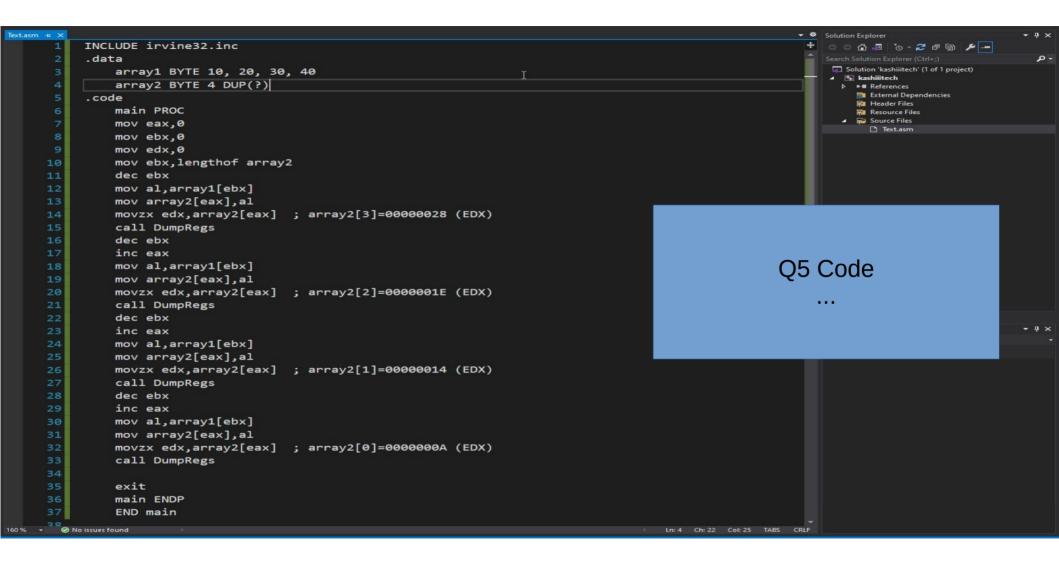




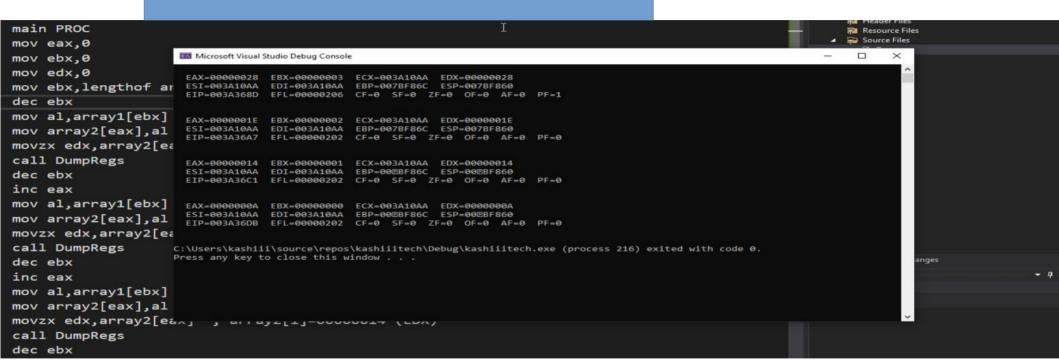


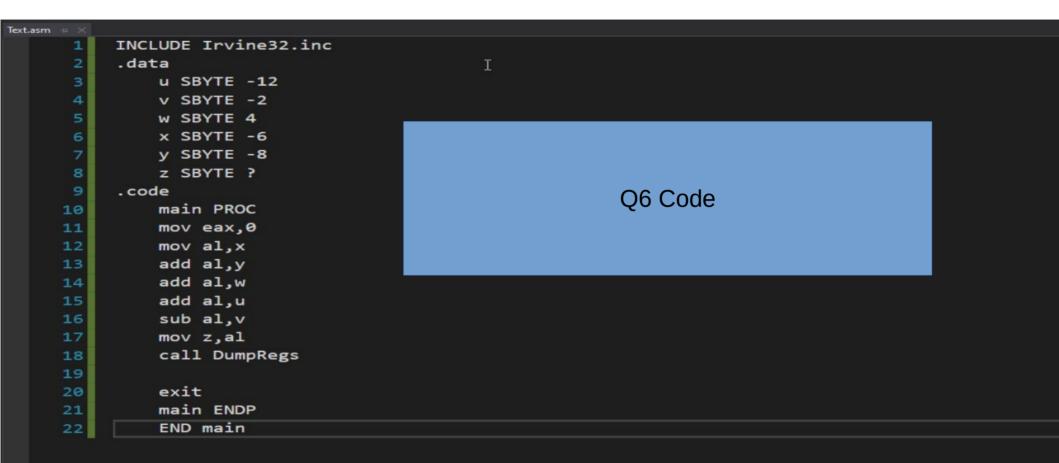
```
INCLUDE irvine32.inc
     .data
     arrayB BYTE 10, 20, 30
     arrayW WORD 150, 250, 350
     arrayD DWORD 600, 1200, 1800
     SUM1 DWORD ?
     SUM2 DWORD ?
    SUM3 DWORD ?
     .code
10
    main PROC
11
12
13
    mov eax, 0
                                                             Q4 Code
14
    movzx eax, arrayB[0]
    add eax, dword ptr arrayW[0]
15
                                                                 . . .
16
     add eax, arrayD[0]
17
    mov SUM1, eax
18
19
    call DumpRegs
20
    mov eax, 0
21
    movzx eax, arrayB[1]
22
    add eax, dword ptr arrayW[1]
23
     add eax, arrayD[1]
24
    mov SUM2, eax
25
    call DumpRegs
26
27
    mov eax, 0
    movzx eax, arrayB[2]
28
    add eax, dword ptr arrayW[2]
29
30
     add eax, arrayD[2]
    mov SUM3, eax
31
```

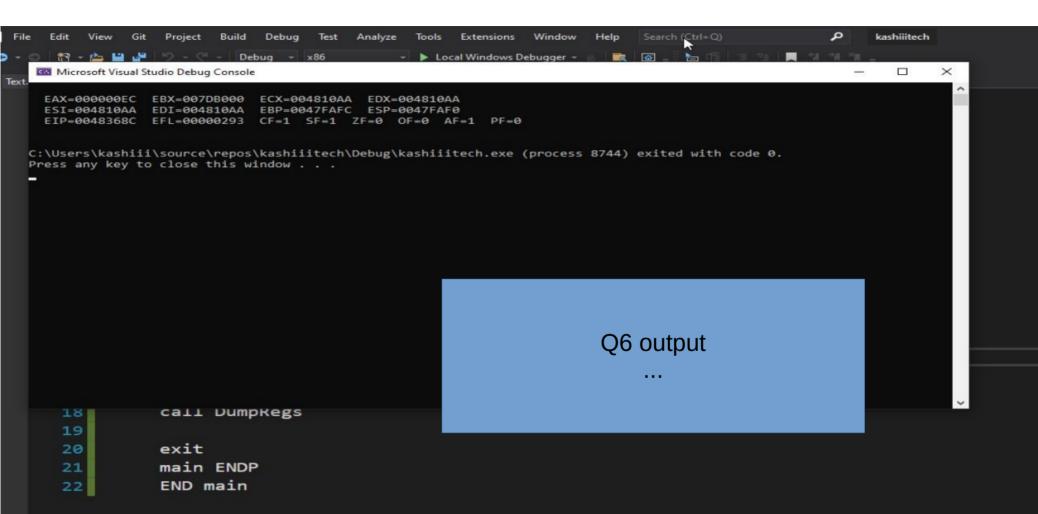


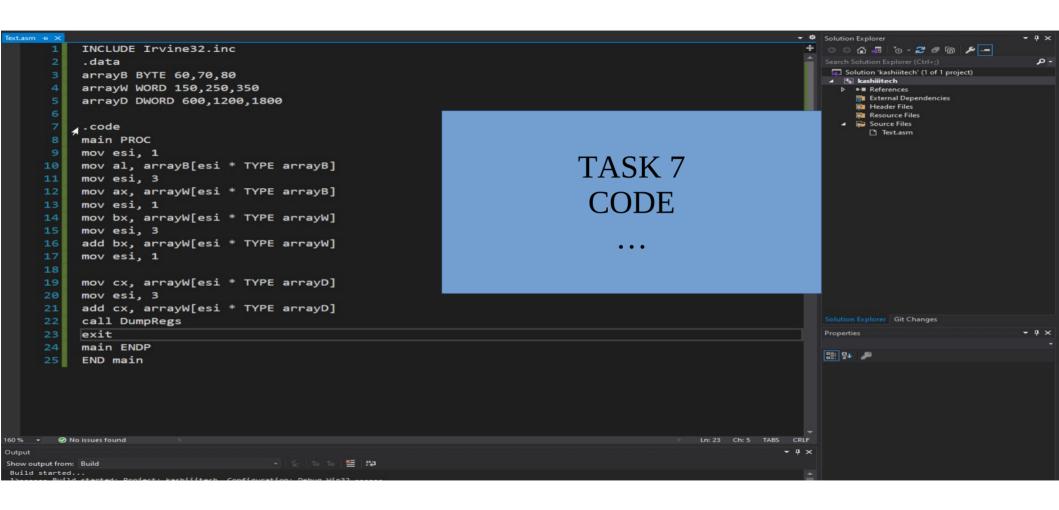


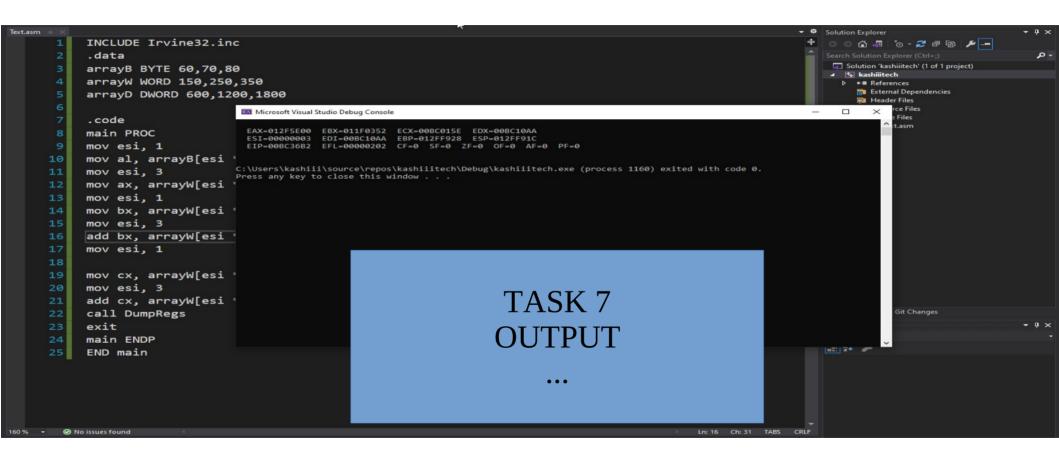
Q5 Output











The End