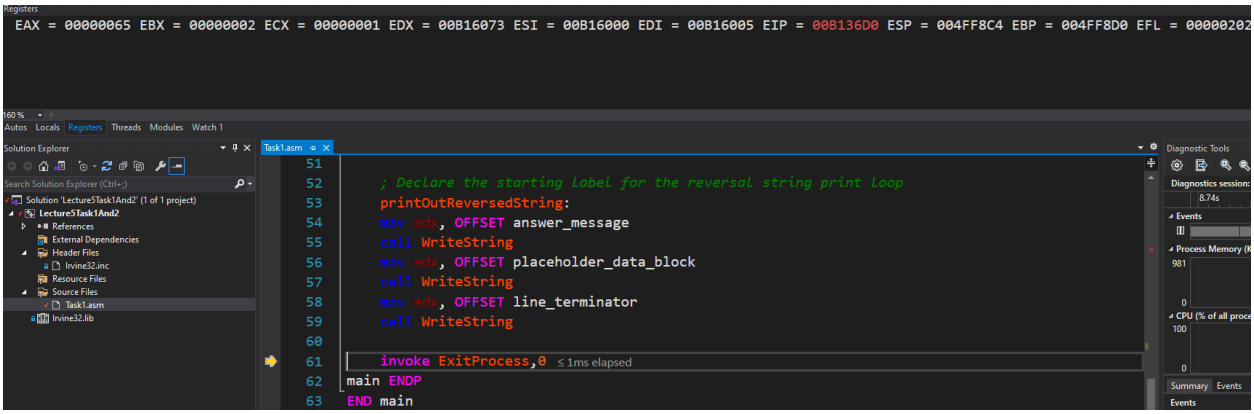
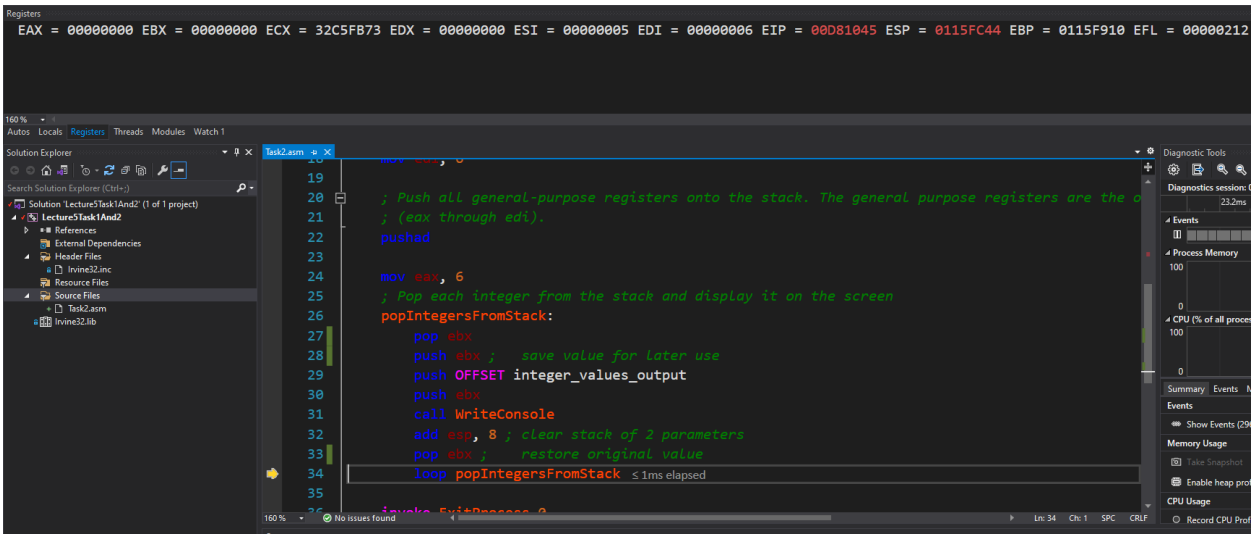
Task 1:


Registers
EAX = 00000065 EBX = 00000002 ECX = 00000001 EDX = 00B16073 ESI = 00B16000 EDI = 00B16005 EIP = 00B136D0 ESP = 004FF8C4 EBP = 004FF8D0 EFL = 00000202
Autos Locals Registers Threads Modules Watch 1
Solution Explorer
Search Solution Explorer (Ctrl+;)
Solution 'Lecture5Task1And2' (1 of 1 project)
Lecture5Task1And2
References
External Dependencies
Header Files
Irvine32.inc
Resource Files
Source Files
Task1.asm
Irvine32.lib
Task1.asm
51
52 ; Declare the starting label for the reversal string print loop
53 printOutReversedString:
54 mov edx, OFFSET answer_message
55 call WriteString
56 mov edx, OFFSET placeholder_data_block
57 call WriteString
58 mov edx, OFFSET line_terminator
59 call WriteString
60
61 invoke ExitProcess,0 ≤ 1ms elapsed
62 main ENDP
63 END main
Diagnostic Tools
Diagnostics session:
8.74s
Events
Process Memory
981
0
CPU (% of all proce
100
0
Summary Events
Events

Task 2:


Registers
EAX = 00000000 EBX = 00000000 ECX = 32C5FB73 EDX = 00000000 ESI = 00000005 EDI = 00000006 EIP = 00D81045 ESP = 0115FC44 EBP = 0115F910 EFL = 00000212
Autos Locals Registers Threads Modules Watch 1
Solution Explorer
Search Solution Explorer (Ctrl+;)
Solution 'Lecture5Task1And2' (1 of 1 project)
Lecture5Task1And2
References
External Dependencies
Header Files
Irvine32.inc
Resource Files
Source Files
Task2.asm
Irvine32.lib
Task2.asm
19
20 ; Push all general-purpose registers onto the stack. The general purpose registers are the o
21 ; (eax through edi).
22 pushad
23
24 mov eax, 6
25 ; Pop each integer from the stack and display it on the screen
26 popIntegersFromStack:
27 pop ebx
28 push ebx ; save value for later use
29 push OFFSET integer_values_output
30 push ebx
31 call WriteConsole
32 add esp, 8 ; clear stack of 2 parameters
33 pop ebx ; restore original value
34 loop popIntegersFromStack ≤ 1ms elapsed
35
160 % No issues found Ln: 34 Ch: 1 SPC CRLF
Diagnostic Tools
Diagnostics session:
23.2ms
Events
Process Memory
100
0
CPU (% of all proces
100
0
Summary Events
Events
Show Events
Memory Usage
Take Snapshot
Enable heap prof
CPU Usage
Record CPU Prof