Question 3. The following main subroutine shows a calling sequence for a subroutine named Add3 that adds three dword:

**main PROC**

push 10h

push 20h

push 30h

call Add3

push 40h

       INVOKE ExitProcess,0

**main ENDP**

Create a subroutine named Add3 that receives three integer parameters and calculates and returns their sum in the EAX register (assume the callee uses EBP).

Answer: One of the many possible solutions.

.386

.model flat, stdcall

.stack 4096

ExitProcess PROTO, dwExitCode: DWORD

.data

.code

main PROC

push 10h

push 20h

push 30h

call Add3

push 40h

invoke ExitProcess, 0

main ENDP

Add3 PROC

push ebp

mov ebp, esp

mov eax, [ebp+16]

add eax, [ebp+12]

add eax, [ebp+8]

pop ebp

ret 12

Add3 ENDP

END main