The four-byte sequence $0xD6\ 0x85\ 0x41\ 0xA0$ stored in consecutive memory cells in a little-endian architecture represents (decimal) when interpreted as a 32-bit signed integer.		
-1606318634		
The four-byte sequence 0x8B 0xB1 0x7C 0x96 stored in consecutive memory cells in a little-endia architecture represents (decimal) when interpreted as a 32-bit signed integer.		
-1770212981		
The four-byte sequence 0xF6 0x45 0x71 0x85 stored in consecutive memory cells in a little-endian architecture represents (decimal) when interpreted as a 32-bit signed integer.		
-2056174090		
The four-byte sequence 0xC8 0x85 0xFF 0x21 stored in consecutive memory cells in a little-endian architecture represents (decimal) when interpreted as a 32-bit signed integer.		
570394056		
The four-byte sequence 0x22 0x86 0x82 0x56 stored in consecutive memory cells in a little-endian architecture represents (decimal) when interpreted as a 32-bit unsigned integer.		
1451394594		
Values passed to a subroutine by a calling program are called		
arguments		
What general types of parameters are passed on the stack?		
Parent-child arguments		
Evaluation arguments		
Legal arguments		
Context-free arguments		
Reference arguments		
Value arguments		
Local variables are created by adding a positive value to the stack pointer.		
C True		
• False		

What advantages do stack parameters have over register parameters? ✓ Stack parameters reduce code clutter because registers do not have to be saved and restored. Register parameters are optimized for speed. Programs using stack parameters execute more quickly. Stack parameters are compatible with high-level languages. Which offers a more flexible approach, passing arguments to procedures in registers, or on the stack? in registers on the stack A stack frame is _____ An area in the heap that is used to store global variables The area of the stack set aside for storing global strings. The area of the stack set aside for passed arguments, subroutine return address, local variables, and saved registers. A register window pointing to local variables. The area of the text segment set aside for passed arguments, subroutine return address, local variables, and saved registers Which of the following shows the procedure entry code generated by MASM when the LOCAL directive is used to declare a doubleword variable? mov ebp, esp push ebp add esp, 4 push ebp mov ebp, esp sub esp,4

push ebp

mov esp,ebp add esp,4

mov ebp,esp	
push ebp	
sub_esp, 4 High-level languages always pass arrays to subroutines by value.	
True	
False	
A subroutine's stack frame always contains the caller's return address and the subroutine's local variables.	
⊙ True	
False	
Passing by reference requires popping a parameter's offset from the stack inside the called procedure.	
True	
C False	
Which of the following defines an array local variable consisting of 50 signed words?	
LOCAL SWORD:wArray[50]	
LOCAL wArray[50]:SWORD	
LOCAL SWORD[50]:wArray	
LOCAL wArray:SWORD[50]	
Place the stesp for creating a stack frame in the correct order	
1	
Passed arguments, if any, are pushed on the stack.	
2	
The subroutine is called, causing the subroutine return address to be pushed on the stack.	
•	
As the subroutine begins to execute, ⊞P is pushed on the stack. ▼	

0	Activation record
An	argument passed by reference consists of the offset of an object.
•	True
\circ	False
Whe	en an argument is passed by value, a copy of the address is pushed on the stack.
0	True
\odot	False