	Stack layout	Data-modifying attack	Code-running attack
Stack frame of the procedure processing the input	Stack frames of the calling procedure, the caller's caller, and so forth	Stack frames of the calling procedure, the caller's caller, and so forth	Stack frames of the calling procedure, the caller's caller, and so forth
	Return address	Return address	Address of attack code
	Other values	Overwritten values	Overwritten values
	Input buffer	Very long input that exceeds the buffer size	Attack code
	Other values	Other values	Other values
	Free space	Free space	Free space
	(a)	(b)	(c)