

Name: _____

Given the following x86 assembler code:

movl	\$10,-0x4(%rbp)	; store 10 at %rbp-4
mov	\$-1,%rax	; put 1 into %rax
mov	\$2,%rbx	; put 2 into %rbx (for no reason!)
lea	(%rbp,%rax,\$4),%rbx	; put \$rbp + (%rax*4)+0 = %rbp-4 into %rbx
mov	(%rbx),%ebx	; put what is in memory at %rbp-4 into %ebx

What value is in the %ebx register after this code executes?

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