

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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