

Wednesday, April 10

Name \_\_\_\_\_

Email \_\_\_\_\_

6.s081 Spring 2019

Miniquiz #21

5 Minutes

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1. Using the left snippet of mitscript, generate x86 assembly code to the right. Assume the caller used `%rdi` to pass the argument's value to the function, `%rax` for the return value, `%rsp` for the stack pointer and `%rbp` for the base pointer.

```
fun(x) {  
    y = x + 7;  
    return y * 2;  
}
```