

Thursday, March 1

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6.s081 Spring 2018

Miniquiz #13

5 Minutes

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Given the following program

```
var x = 2
var y = 3
var f = fun () {
    var z = 2
    var g = fun () {
        return z + x
    }
    var w = 1
    return w + g()
}
var k = fun(){
    return x + f()
}
```

List what variables could be found in the frame pointed to by the function's frame pointer for each of the following functions:

- f - {x, y, f}

- g - {x, y, f, z, g}

- k - {x, y, f, k}