

Name _____

Part 1: “From there to here, from here to there, lines of code are everywhere!” ~ Programmer Seuss

```

1  def function_1(x):
2      x = x + 5
5  3      return x
4
5  def function_2(y):
6      z = function_1(y)
10 7      y = y * z
8      return y
9
10 def function_3(x):
2  11     return x
12     x = x + 512
13
1  14 function_3(2)
15 function_1(10)
16 function_2(17)
```

a) Is the x on line 11 the same as the x on line 2? Why or why not?

Yes

No

b) Will line 12 ever get run? Why or why not?

Yes

No

c) On the left of the line numbers, put numbers to indicate the order the lines will be run. Ignore def statements. We have started it for you. Some lines may be run a second time, and some lines may not be run at all. There will be 11 lines total that are run.