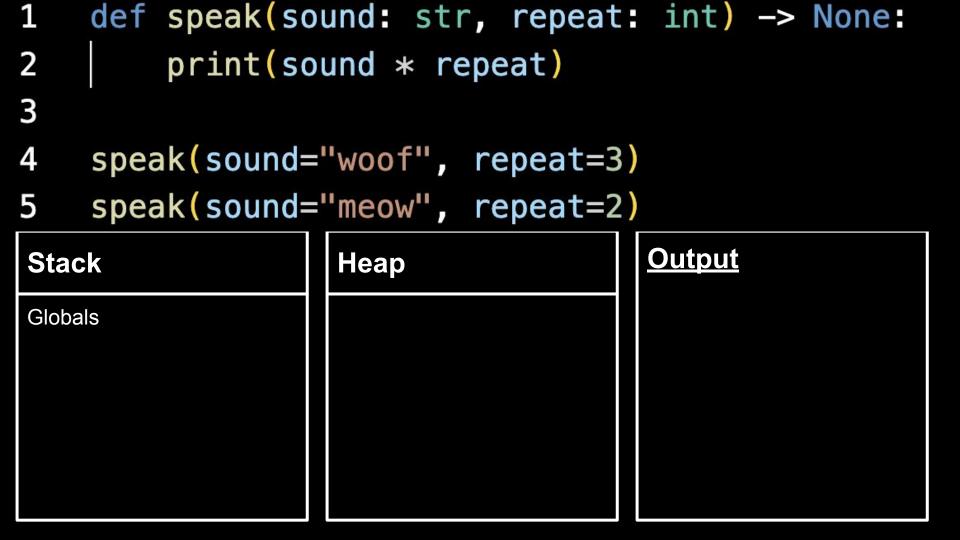
## **COMP** 110

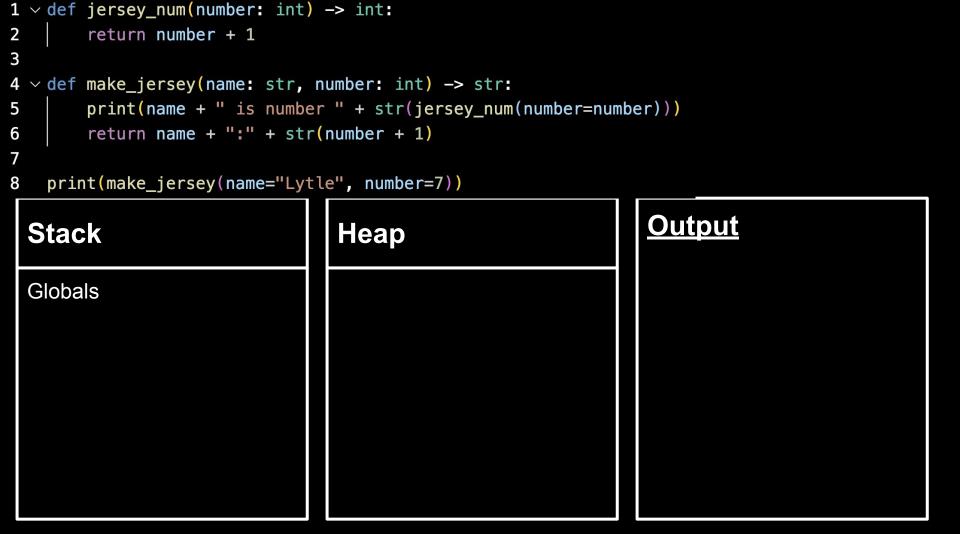
## CL06: Memory Diagrams Practice



```
print(sound * repeat)
3
4
    speak(sound="woof", repeat=3)
    speak(sound="meow", repeat=2)
5
6
    print(sound) <--</pre>
```

What if we added this line?

def speak(sound: str, repeat: int) -> None:



```
return number + 1
3
4
   def make_jersey(name: str, number: int) -> str:
        print(name + " is number " + str(jersey_num(number=number)))
5
        return name + ":" + str(number + 1)
6
7
    print(make_jersey(name="Lytle", number=7))
8
9
   print(make jersey) _
                                   What if we added this line?
```

def jersey\_num(number: int) -> int:

## What if...

8

```
def make_jersey(name: str, number: int) -> str:
    print(name + " is number " + str(jersey_num(number=number)))
    return name + ":" + str(number + 1)

def jersey_num(number: int) -> int:
    return number + 1

7
```

print(make jersey(name="Lytle", number=7))

## What if...

```
def make_jersey(name: str, number: int) -> str:
    print(name + " is number " + str(jersey_num(number=number)))
    return name + ":" + str(number + 1)

def jersey_num(number: int) -> int:
    return number + 1

print(make jersey(name="Lytle", number=7))
```

Confused? Try diagramming it!