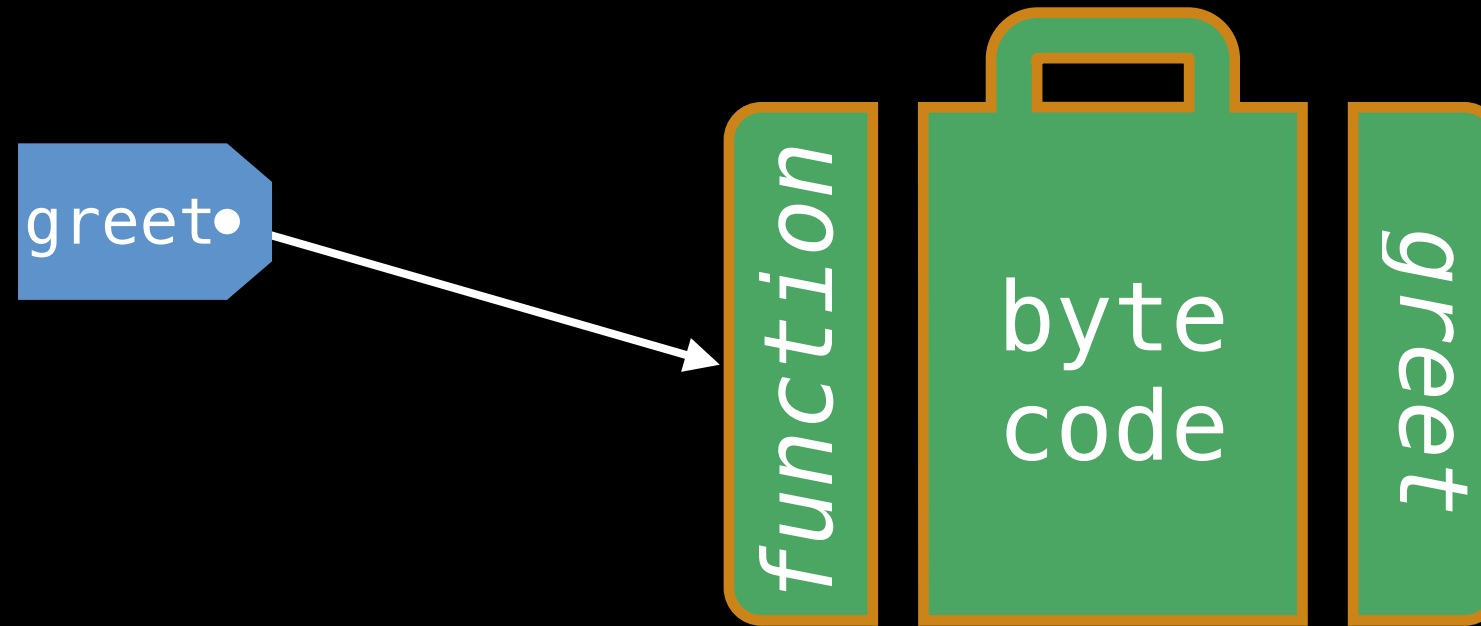


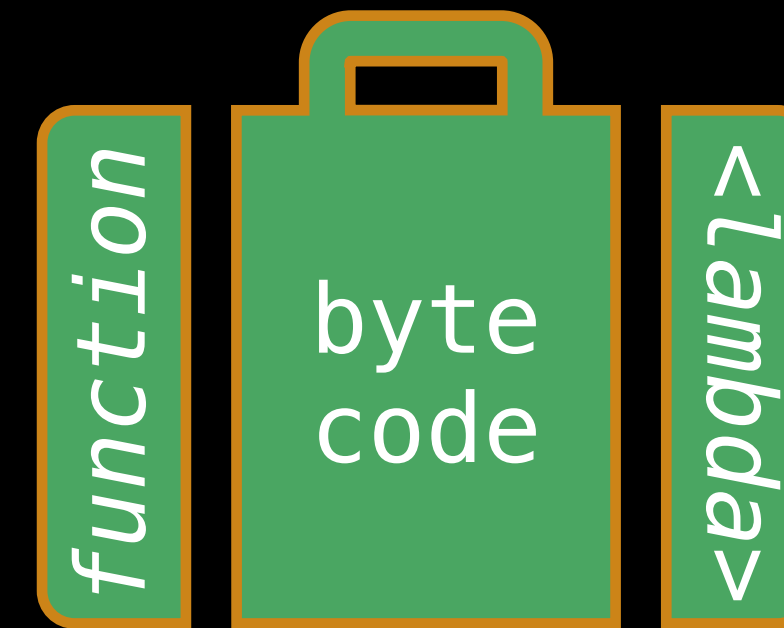
Defined Functions vs. Lambdas

```
def greet():  
    print("Hi!")
```



`def` binds a name to a function object

```
lambda val: val ** 2  
lambda x, y: x * y  
lambda pair: pair[0] * pair[1]
```



`lambda` only creates a function object

```
(lambda x: x > 3)(4) # => True
```

Creates a function object and immediately call it

Decorators