

Passing Functions as Arguments

Like everything else in Python, functions are objects. Since they are objects, they can be supplied as arguments to other functions.

We can test this concept by creating an example function that simply runs other functions:

```
def function_runner(f):  
    """ (function) -> NoneType  
  
    Call f.  
    """  
  
    f()
```

We can test this concept by having it call one of two other functions:

```
def function_1():  
    print("function_1 was called.")  
  
def function_2():  
    print("function_2 was called.")
```

If we call `function_runner` passing it the name of `function_1`,
`function_runner(function_1)`

we get the results:
`function_1 was called.`

If we call it using `function_2`
`function_runner(function_2)`

we see the following:
`function_2 was called.`

Jennifer Campbell • Paul Gries
University of Toronto
