

# Functions are Objects 1

- ◆ Consider this:

```
>>> not_even = odd
```

```
>>> not_even(3)
```

```
True
```

- ◆ We assigned the function object to a new variable
  - ◆ The type details are part of the object
  - ◆ The variable is nothing more than a name



# Functions are Objects 2

- ◆ Consider this:

```
def shabby_log(function: Callable, value: Any) -> Any:  
    print(function, value)  
    return function(value)
```

- ◆ Looks like this:

```
>>> shabby_log(odd, 3)  
<function odd at 0x613978> 3  
True
```

- ◆ The **shabby\_log()** function accepts a function as an argument