```
def          1
```

```
return
```

```
foo = debug(foo)
```

```
  2 3   # prints "Arguments: (2, 3) {}
```

```
# => returns 5
```

```
    2  1   3  # prints "Arguments: (2, 1) {'c': 3}"
```

```
# => returns 9
```

```
print        # <function debug.<locals>.wrapper at 0x...>
```

Using our **debug** decorator

```python
def foo(a, b, c=1):
    return (a + b) * c


foo = debug(foo)
foo(2, 3)  # prints "Arguments: (2, 3) {}
# => returns 5
foo(2, 1, c=3) # prints "Arguments: (2, 1) {'c': 3}"
# => returns 9
print(foo)  # <function debug.<locals>.wrapper at 0x...>
```

It seems like overkill to say foo twice here

Using our **debug** decorator