

- [Python Decorators](#)
 - [Name: Ramkumar Murthy](#)
 - [Source Code:](#)

Python Decorators

Name: Ramkumar Murthy

The decorators named `log_message` and written to the file `/tmp/decorator_logs.txt`.

Source Code:

PythonDecorators.py

```
def log_message(func):
    def wrapper(*args, **kwargs):

        result = func(*args, **kwargs)

        with open('/tmp/decorator_logs.txt', 'a') as f:

            f.write(result + '\n')

        return result
    return wrapper

@log_message
def a_function_that_returns_a_string():
    return "A string"

@log_message
def a_function_that_returns_a_string_with_newline(s):
    return "{}\n".format(s)

@log_message
def a_function_that_returns_another_string(string=""):
    return "Another string"
```