

```
def log_message(func):  
    def sample(*string):  
        output = func(*string)  
        with open("decorators_logs.txt",'a') as file:  
            file.write(output)  
    return sample
```

```
@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"
```

```
a_function_that_returns_a_string()  
a_function_that_returns_a_string_with_newline("Second Function  
with one argument.")  
a_function_that_returns_another_string()
```