

```

@function_logging
def func1():
    return set()

@function_logging
def func2(a, b, c):
    return (a + b) / c

@function_logging
def func3(a, b, c, d=4):
    return [a + b * c] * d

@function_logging
def func4(a=None, b=None):
    return {a: b}

print(func1(), end="\n\n")
print(func2(1, 2, 3), end="\n\n")
print(func3(1, 2, c=3, d=2), end="\n\n")
print(func4(a=None, b=float("-inf")), end="\n\n")

```

Function func1 is called with no arguments
Function func1 returns output of type set
set()

Function func2 is called with positional arguments: (1, 2, 3)
Function func2 returns output of type float
1.0

Function func3 is called with positional arguments: (1, 2) and keyword arguments: c=3, d=2
Function func3 returns output of type list
[7, 7]

Function func4 is called with keyword arguments: a=None, b=-inf
Function func4 returns output of type dict
{None: -inf}