

函式 (function)

- `def` name(argument) :
 statement 1
 statement 2

Python built in function :

- `type()`: `type(55)`
- `int()`: `int('32')`
- `len`: `len('banana')`
- `print()`:
- For more, please refer
 - <https://docs.python.org/3/library/functions.html>

Flow of execution :

In [22]: `def cat_twice(part1,part2):`
`print("entering cat_twice")`
`cat=part1+part2`
call function : print_twice
`print_twice(cat)`
`print("leaving cat_twice")`

In [23]: `def print_twice(apple):`
`print("entering print_twice")`
`print(apple)`
`print(apple)`
`print(print_twice.__name__)`
`print("leaving print_twice")`

In [25]: `print("program begin here !")`
call function : cat_twice
`cat_twice('aaaa','bbbbbb')`
`print("prgram ends !!! bye ")`

program begin here !
entering cat_twice
entering print_twice
aaaabbbbbb
aaaabbbbbb
print_twice
leaving print_twice
leaving cat_twice
prgram ends !!! bye

Flow of execution

- The order of statements run
- Execution begins at the first statement of the program
- Statements are run one at a time
- The statements inside the function don't run until the function is called

Stack diagram

__main__

cat_twice('aaa','bbb')

cat_twice

part 1 → aaa
part 2 → bbb
cat → aaabbb

print_twice

apple → aaabbb