函式 (function)

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

To end the function, you have to enter an empty line.

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','bbbbb')
          print("prgram ends !!!  bye ")

          program begin here !
          entering cat_twice
          entering print_twice
          aaaabbbbb
          aaaabbbbb
          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