

print 列印



print displays output to your console

```
print('Hello world')  印出hello world
```

```
Hello world
```

Enclose strings in single or double quotes

```
print('Hello world single quotes')
```

```
print("Hello world double quotes")
```

印出框內文字

```
Hello world single quotes
```

```
Hello world double quotes
```

Getting information from the user

設name為框內可輸入問句

```
name = input('Please enter your name: ')
```

```
print(name) 印出name
```

```
Please enter your name: Susan
Susan
```

Printing blank lines can improve readability

`print('Hello world')` 印出框內文字

`print()` 印出空格

`print('Did you see that blank line?')`

`print('Blank line \n in the middle of string')` 在文字中加入

```
Hello world
```

```
Did you see that blank line?
```

```
Blank line
```

```
in the middle of string
```

Debugging with print

```
print('Adding numbers')
```

列印框內文字

```
x = 42 + 206
```

```
print('Performing division')
```

列印框內文字

```
y = x / 0
```

```
print('Math complete')
```

列印框內文字

```
Adding numbers
```

```
Performing division
```

```
Traceback (most recent call last):
```

```
  File "demo.py", line 4, in <module>
```

```
    y = x / 0
```

不能除以0

```
ZeroDivisionError: float division by zero
```

Loops迴圈



Loop through a collection

```
for name in ['Christopher', 'Susan']:  
    print(name)
```

設name為框內字串
印出NAME

```
Christopher  
Susan
```


Looping a number of times

```
for index in range(0, 2): 設index為數範圍0~1  
    print(index)          印出index
```

0

1

Looping with a condition

`names = ['Christopher', 'Susan']` 設name為框內字串

`index = 0` 設index為

`while index 0 < len(names):` 如果index小於names字串數

`print(names[index])` 印出names 數列=index數字

`# Change the condition!!`

`index = index + 1` Index=index+1

Christopher

Susan



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