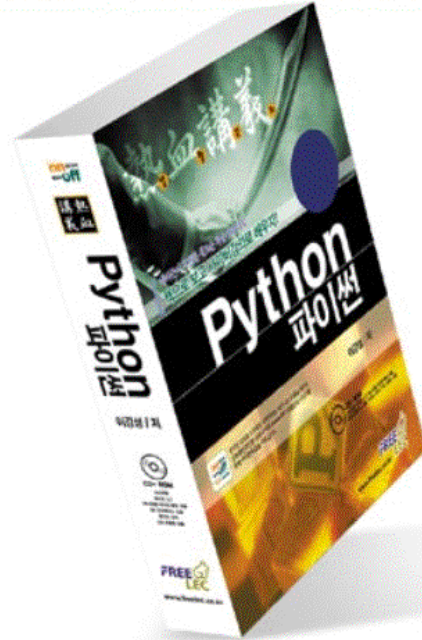


熱血講義

프리렉의 열혈강의 시리즈

Python 파이썬



1

파이썬 (Python)

Python



2

:

(gslee@mail.gwu.ac.kr)
2



- 1.
- 2.
- 3.
- 4.
- 5.
- 6.
- 7.
- 8.
- 9.

가

2-1



- `[_a-zA-Z][_a-zA-Z0-9]*`
- - `a, a1, my_name, your_job, MyName, _private, __private_member`
- - `1abc, @file, %x`

2-1



```
>>> import keyword
>>> keyword.kwlist
['and', 'assert', 'break', 'class', 'continue',
 'def', 'del', 'elif', 'else', 'except', 'exec',
 'finally', 'for', 'from', 'global', 'if', 'import',
 'in', 'is', 'lambda', 'not', 'or', 'pass', 'print',
 'raise', 'return', 'try', 'while', 'yield']
>>> len(keyword.kwlist)
29
```

5

2-1



```
>>> str(12345)
'12345'
>>> str = 'abc' # str
>>> str(12345) #
Traceback (innermost last):
  File "<pyshell#23>", line 1, in ?
    str(12345)
TypeError: call of non-function (type string)
```

6

2-2



#



```
>>> if (a == 1) and
SyntaxError: invalid syntax
>>> if (a == 1) and \
    (b == 3):
    print 'connected lines'
```

2-2



```
>>> a = 1
>>> b = a
>>> 1+3 = a
SyntaxError: can't assign to operator
>>> a = 1
>>> a = a + 1

>
>>> 4 == 5
0
>>> 4 == 4
1
```

2-2



```
>>> c, d = 3, 4    #
>>> x = y = z = 0
>>> e = 3.5; f = 5.6    # ;
>>> print a, b, c, d, e, f
1 1 3 4 3.5 5.6

>>> e, f = f, e    #
>>> print e, f
5.6 3.5
```

2-2



(2.0)

➤ +=, -=, *=, /=, %=, &=, |=, ^=,
<<=, >>=, **=

➤ **x op= y** **x = x op (y)**

```
>>> a = 1
>>> a += 4
>>> a
5
>>> a -= 3
>>> a
2
>>> a *= 2+3
>>> a
10
```

- **– eval()**
 - **eval('a + 4')**
- **– exec**
 - **exec 'a += 4'**

- - **raw_input –**
 - **Input -**
- - **print**
 - **print a, b**



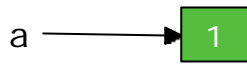
(9)



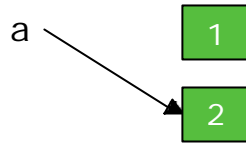
2-6

		가	
		가	
		가	
		가	
		가	
		가	

가

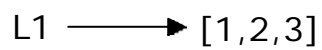


(a) $a=1$

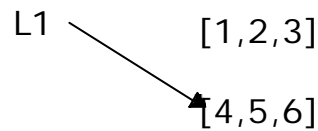


(a) $a=2$

가



(a) $L1=[1,2,3]$

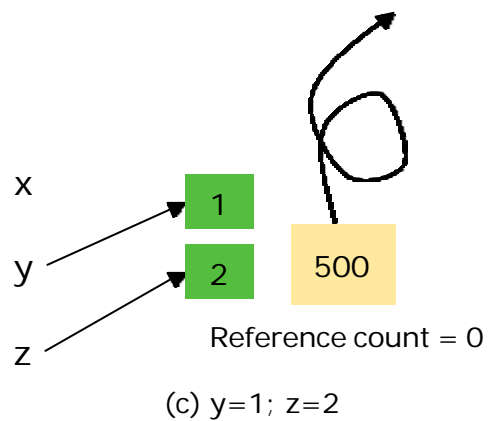
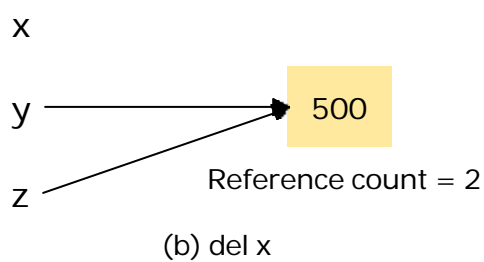
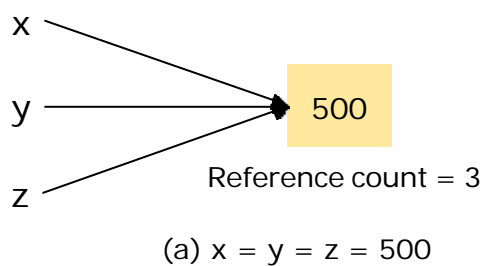


(a) $L1=[4,5,6]$

- **type**
- **types**
 - **dir(types)**

17

-



18

- **is**



1,

0

- **if**

if **1:**

1

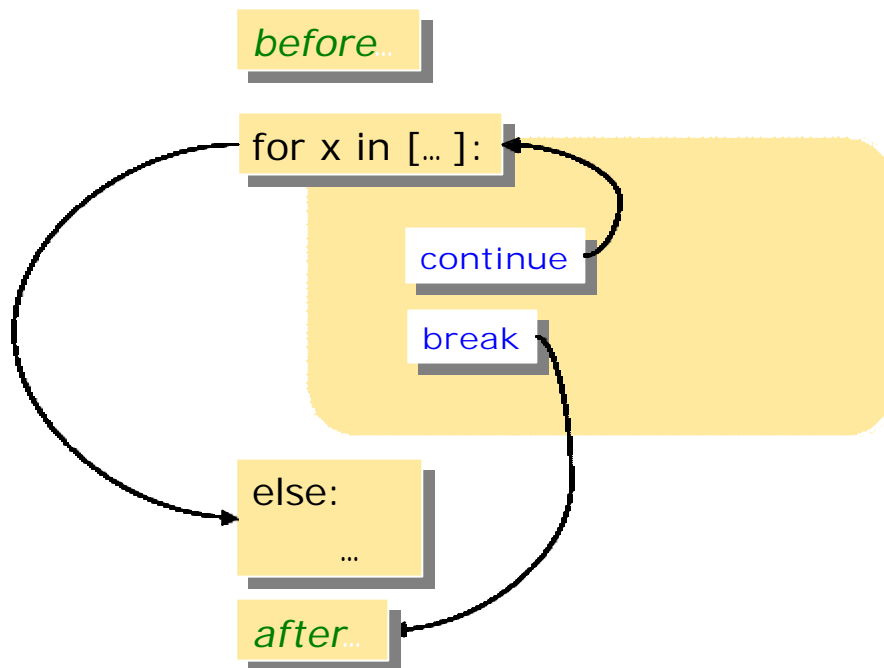
elif **2:**

2

else:

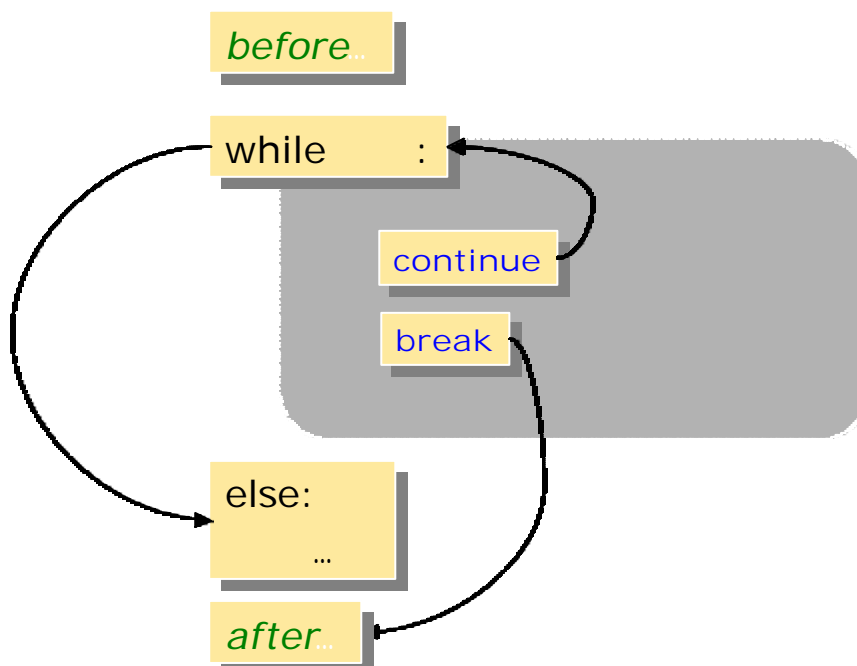
3

- for



21

- while



22