Feb. 19, 2013

Keywords in Python

What are keywords?

Keywords in Python are reserverd words that cannot be used as ordinary
identifiers. They must be spelled exacty as they are written.

List of keywords

The following is a list of keywords for the Python programming language.

and	del	from	not	while
as	elif	global	or	with
assert	else	if	pass	yield
break	except	import	print	
class	exec	in	raise	
continue	finally	is	return	
def	for	lambda	try	

This prints the keyword list of Python.

```
$ python
>>>
>>> import keyword

>>> print keyword.kwlist

['and', 'as', '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', 'with',
'yield']
```

Keywords Explained

print
print to console

while
controlling the flow of the program

for
iterate over items of a collection in order that they appear

break
interrupt the (loop) cycle, if needed

continue
used to interrupt the current cycle, without jumping out of the whole cycle.
New cycle will begin.

if
used to determine, which statements are going to be executed.

elif
stands for else if.If the first test evaluates to False,
then it continues with the next one

else
is optional. The statement after the else keyword is executed,
unless the condition is True

is
tests for object identity

not
negates a boolean value

and
all conditions in a boolean expression must be met

or
at least one condition must be met.

import
import other modules into a Python script

as
if we want to give a module a different alias

from
for importing a specific variable, class or a function from a module

def
used to create a new user defined function

return
exits the function and returns a value

lambda
creates a new anonymous function

global
access variables defined outside functions

try
specifies exception handlers

except
catches the exception and executes codes

finally
is always executed in the end. Used to clean up resources.

raise
create a user defined exception

del
deletes objects

pass
does nothing

assert
used for debugging purposes

class
used to create new user defined objects

exec
executes Python code dynamically

yield
is used with generators

More reading

For a more detailed explanation and examples of keywords, please see:
http://zetcode.com/lang/python/keywords/ (http://zetcode.com/lang/python/keywords/)

Read more about:

Basics (/basics/)   Keywords (/keywords/)

3 Comments Pythonforbeginners.com   🔴 1 Login ▾

♥ Recommend **1**   ⬆ Share   Sort by Best ▾

Laurence Bradford · 2 years ago
This is helpful! Worked well with Learn Python The Hard Way Book
1 △ ▽ · Reply · Share ›

Nathan Ellie Max Johnson · 2 years ago
Helped me with homework thxs
1 △ ▽ · Reply · Share ›

mlsptn · 2 years ago
Thanks!
△ ▽ · Reply · Share ›

ALSO ON PYTHONFORBEGINNERS.COM   WHAT'S THIS?

Scraping Wunderground
2 comments · 2 years ago
Eric Seibel — can you attach your final product?

Python Code Examples
1 comment · 2 years ago
M.Resul Selimi — thank you

How to use the Python Imaging Library
11 comments · 2 years ago
pythonforbeginners — Thanks for all the comments. I should obviously have used Pillow instead of PIL. This is the first time that

Python – Quick Guide
2 comments · 3 years ago
erichideki — This guide is marvelous, congratulations, your work is helping so much people.

✉ Subscribe   ⓓ Add Disqus to your site Add Disqus Add   🔒 Privacy

| Search | | SEARCH |

🐦 follow @pythonbeginners (https://twitter.com/intent/follow?original_referer=http%3A%2F%2Fwww.pythonforbeginners.com%2F&region=follow_li

Categories

(https://goo.gl/YrIEfw)
(https://goo.gl/YrIEfw)
(https://goo.gl/YrIEfw)

Basics (/basics/)

Cheatsheet (/cheatsheet/)

Code snippets (/code-snippets-source-code/)

Development (/development/)

Dictionary (/dictionary/)

Error Handling (/error-handling/)

Lists (/lists/)

Loops (/loops/)

(https://goo.gl/W6uHvh)X
(https://goo.gl/W6uHvh)

Python for Beginners
google.com/+PythonforbeginnersDotCom

G+ Follow   +1

+ 2,677

(https://goo.gl/W6uHvh)X

(https://goo.gl/W6uHvh)