

PYTHON BREAK STATEMENT

http://www.tutorialspoint.com/python/python_break_statement.htm

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It terminates the current loop and resumes execution at the next statement, just like the traditional break statement in C.

The most common use for break is when some external condition is triggered requiring a hasty exit from a loop. The **break** statement can be used in both *while* and *for* loops.

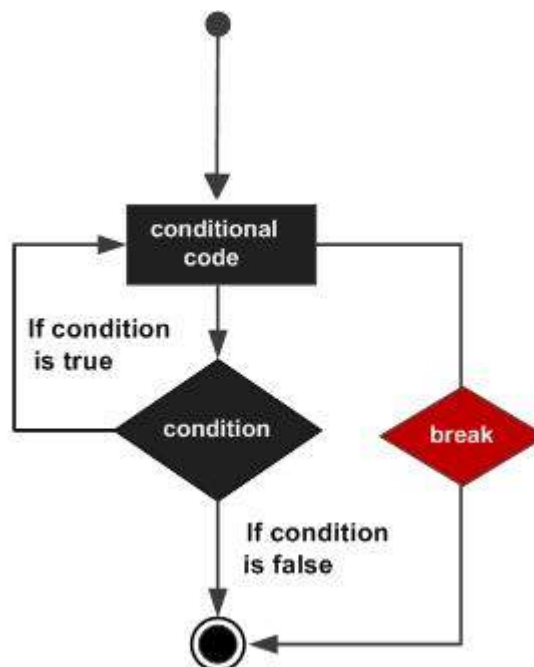
If you are using nested loops, the break statement stops the execution of the innermost loop and start executing the next line of code after the block.

Syntax

The syntax for a **break** statement in Python is as follows –

```
break
```

Flow Diagram



Example

```
#!/usr/bin/python

for letter in 'Python':    # First Example
    if letter == 'h':
        break
    print 'Current Letter :', letter

var = 10                    # Second Example
while var > 0:
    print 'Current variable value :', var
    var = var -1
    if var == 5:
        break

print "Good bye!"
```

When the above code is executed, it produces the following result –

```
Current Letter : P
Current Letter : y
Current Letter : t
Current variable value : 10
Current variable value : 9
Current variable value : 8
Current variable value : 7
Current variable value : 6
Good bye!
```