**Python pass Statement**

In Python programming, the pass statement is a null statement which can be used as a placeholder for future code.

Suppose we have a [loop](https://www.programiz.com/python-programming/looping-technique) or a [function](https://www.programiz.com/python-programming/function) that is not implemented yet, but we want to implement it in the future. In such cases, we can use the pass statement.

The syntax of the pass statement is:

pass

**Using pass With Conditional Statement**

n = 10

# use pass inside if statement

if n > 10:

pass

print('Hello')

[Run Code](https://www.programiz.com/python-programming/online-compiler)

Here, notice that we have used the pass statement inside the [if statement](https://www.programiz.com/python-programming/if-elif-else) .

However, nothing happens when the pass is executed. It results in no operation (NOP).

Suppose we didn't use pass or just put a comment as:

n = 10

if n > 10:

# write code later

print('Hello')

[Run Code](https://www.programiz.com/python-programming/online-compiler)

Here, we will get an error message: IndentationError: expected an indented block

**Note**: The difference between a [comment](https://www.programiz.com/python-programming/statement-indentation-comments) and a pass statement in Python is that while the interpreter ignores a comment entirely, pass is not ignored.

**Use of pass Statement inside Function or Class**

We can do the same thing in an empty function or [class](https://www.programiz.com/python-programming/class) as well. For example,

def function(args):

pass

class Example:

pass