

# Python - pass Keyword

The pass keyword as name suggests, does nothing. It is used as a dummy place holder whenever a syntactical requirement of a certain programming element is to be fulfilled without assigning any operation. In other words, the pass statement is simply ignored by the Python interpreter and can be seen as a null statement. It is generally used as a dummy statement in a code block, for example in the if or else block.

Example: pass in for loop

```
for num in range(1,6):  
    if num==3:  
        pass  
    else:  
        print ("Num = {}".format(num))
```

Output

Num = 1

Num = 2

Num = 4

Num = 5

The following is the definition of a function which will not do any operation when executed:

Example:

```
def myfunction():  
    pass
```

The pass statement is commonly used in the early stages of program development to form a skeleton of the entire code. Initially, the programmer will create place holders with no operation using pass for various conditional statements, functions, classes etc., and eventually will fill their functionality.