Python pass Statement

In Python programming, `pass` is a null statement. The difference between a comment and `pass` statement in Python is that, while the interpreter ignores a comment entirely, `pass` is not ignored. But nothing happens when it is executed. It results into no operation (NOP).

Syntax of pass

```
pass
```

We generally use it as a placeholder. Suppose we have a loop or a function that is not implemented yet, but we want to implement it in the future. They cannot have an empty body. The interpreter would complain. So, we use the `pass` statement to construct a body that does nothing.

Example: pass Statement

```
for val in sequence:
    pass
```

We can do the same thing in an empty function or class as well.

```
def function(args):
    pass
```

```
class example:
    pass
```