Python pass Statement

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Python pass Statement

- The **pass** statement is a **null statement**.

- **Nothing happens** when the pass is executed. It results in **no operation**.

Syntax

```
pass
```

- The difference between a **comment** and a **pass** statement is that while the **interpreter ignores a comment** entirely, pass is **not ignored**.

- Generally pass is used as a **placeholder.**

Example: pass Statement

- Suppose we have a loop or a function that we want to implement it in the future.

- They cannot have an empty body. So we use the pass statement to construct a body that does nothing.

```
'''pass is just a placeholder for
functionality to be added later.'''
sequence = {'p', 'a', 's', 's'}
for val in sequence:
    pass
```

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

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

```
class Example:
    pass
```