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loop statements:

- break
- continue
- pass

1. **for Loop**
   Syntax:
     for variable in sequence:
     statement(s)
   Example:
     for i in range (5):
     print(i)
   output:
   0
   1
   2
   3
   4

   2. break Statement
   Definition:
   The break statement is used to exit the loop immediately, even if the condition is still true.
   Syntax:
    for variable in sequence:
    if condition:
     break
   Example:
    for i in range (1, 10):
    if i == 5:
     break
    print(i)

output:

1
2
3
4

3. continue Statement

Definition:

The continue statement is used to skip the current iteration and move to the next iteration

Syntax:

```
for variable in sequence:
    if condition:
        continue
    statement(s)
```

Example:

```
for i in range (1, 6):
    if i == 3:
        continue
    print(i)
```

output:

1
2
4
5

while Loop: -

Definition:

The while loop is used when we do not know in advance how many times the loop will run. It keeps executing until the condition becomes False.

Syntax:

```
while condition:
 statement(s)
```

Example:

```
i = 1
while i <= 5:
print(i)
i += 1
```

output:
```
1
2
3
4
5
```