

Example

```
i = 1
while i < 4:
    print(i)
    i += 1
>>> 1
>>> 2
>>> 3
```

With the `while` loop we can execute a set of statements as long as a condition is true. In this example the condition was that `i` must be less than 4.

The break Statement

```
i = 1
while i < 4:
    print(i)
    if (i == 2):
        break
    i += 1
>>> 1
```

With the `break` statement we can stop the loop even if the while condition is true. In this example the loop stopped when `i` is equal to 2.

The continue Statement

```
i = 1
while i < 4:
    print(i)
    if (i == 2):
        continue
    i += 1
>>> 1
>>> 3
```

With the `continue` statement we can stop the current iteration, and continue with the next. In this example the loop stopped when `i` is equal to 2 and continued the next iterations.

The else Statement

```
i = 1
while i < 4:
    print(i)
    i += 1
else:
    print("i is no longer less than 4")
>>> 1
>>> 2
>>> 3
>>> i is no longer less than 4
```

With the `else` statement we can run a block of code once when the condition no longer is true.



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