

Python assert Keyword

Definition and Usage

The **assert** keyword lets you test if a condition in your code returns True, if not, the program will raise an AssertionError than can be written by ourselves.

Syntax

```
assert {condition}, {message}
```

Examples

Example 1

Create a sequence of numbers from 0 to 6, and print each item in the sequence:

```
x = 2
assert x < 1, 'x is not less than 1'
```

The output is:

AssertionError: x is not less than 1

Because the condition here ($x < 1$) is not met, so it raises error.

