

Python continue

Python continue

Python continue is a loop control statement.

Python continue is used to skip further statements in a loop, and continue with the further iterations of the loop.

Syntax of Python continue

Following is the syntax of Python continue statement.

```
continue
```

Example 1 – Python continue in for loop

In the following example, we will use continue statement inside [Python For loop](#) to skip the statements inside the loop for this iteration and continue with the rest of iterations.

example.py – Python Program

```
for number in [1, 2, 3, 5, 6, 10, 11, 12]:
    if number==6:
        continue
    print(number)

print('Bye')
```

Output

```
1
2
3
5
10
11
12
Bye
```

Only those statements that are after continue statement inside the loop are skipped for that specific iteration and continued with subsequent iterations.

Example 2 – Python continue statement with while loop

In the following example, we will use continue statement inside [Python While Loop](#).

example.py – Python Program

```
i=1
while i < 11:
    if i==6:
        i=i+1
        continue
    print(i)
    i=i+1

print('Bye')
```

Output

```
1
2
3
4
5
7
8
9
10
Bye
```

Be careful with the update before continue statement. It may result in infinite loop.

Example 3 – Python continue statement outside loop statement

In the following example, we will try to use continue statement outside for or while loop statement.

example.py – Python Program

```
i=1

if i==2:
    continue

print('Bye')
```

Output

```
File "example1.py", line 4
    continue
    ^
SyntaxError: 'continue' not properly in loop
```

You will get `SyntaxError` with the message `'continue' not properly in loop` if you try to use continue statement outside for or while loop.

Conclusion

In this [Python Tutorial](#), we learned how to use **Python continue** statement with for and while loops.

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