

Python Break and Continue



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Agenda



- 1. What is the use of break and continue in Python?
- 2. Python break statement
 - a) Syntax of break
 - b) Flowchart of break
 - c) Example of break
- 3. Python continue statement
 - a) Syntax of Continue
 - b) Flowchart of continue
 - c) Example: Python continue

What is the use of break and continue in Python?

Loops iterate over a block of code until test expression is false, but sometimes we wish to terminate the current iteration or even the whole loop without checking test expression.

Python break statement

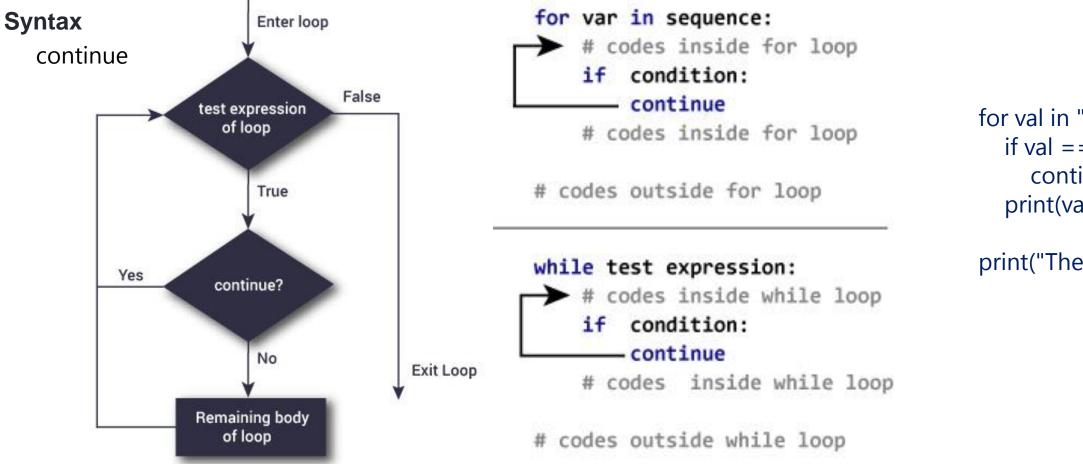
The break statement terminates the loop containing it. Control of the program flows to the statement immediately after the body of the loop.

Syntax for var in sequence: Enter loop # codes inside for loop break if condition: False break test expression for val in "string": # codes inside for loop of loop if val == "i": break # codes outside for loop True print(val) print("The end") Yes while test expression: break? # codes inside while loop condition: No break Exit Loop # codes inside while loop Remaining body of loop

codes outside while loop

Python continue statement

The continue statement is used to skip the rest of the code inside a loop for the current iteration only. Loop does not terminate but continues on with the next iteration.



```
for val in "string":
  if val == "i":
     continue
  print(val)
print("The end")
```