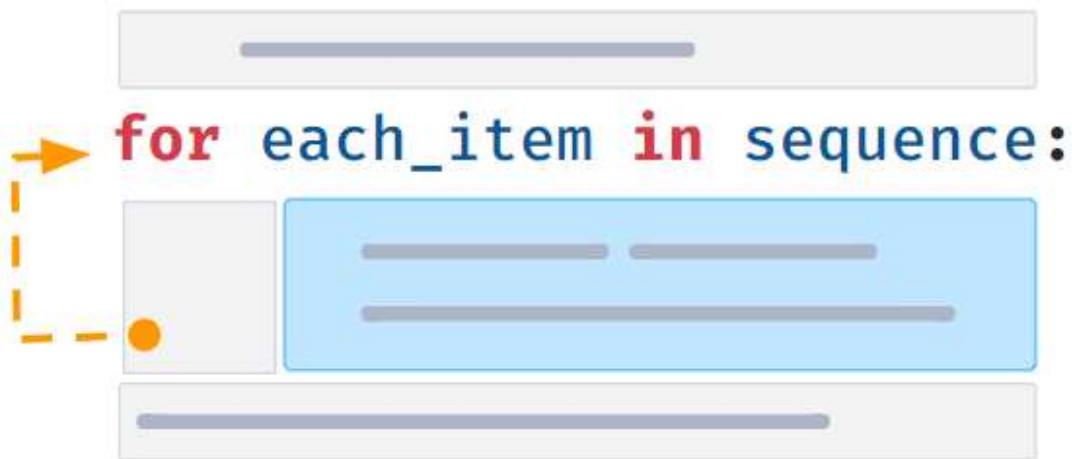




# Cheat Sheet

## For Loop

`for` statement iterates over each item of a sequence.



*Examples of sequences:*

- Sequence of Characters (string)
- Sequence of numbers, etc.

## For Syntax

Code

PYTHON

```
1 word = "Python"
2 for each_char in word:
3     print(each_char)
```

Output

P  
y  
t  
h  
o  
n

## Range

Generates a sequence of integers starting from 0.

Syntax:

`range(n)` Stops before `n` (`n` is not included).

### Code

PYTHON

```
1 for number in range(3):  
2     print(number)
```

### Output

0  
1  
2

## Range with Start and End

Generates a sequence of numbers starting from

`start`

Syntax: `range(start, end)` Stops before `end` (`end` is not included).

### Code

PYTHON

```
1 for number in range(5, 8):  
2     print(number)
```

Output

5  
6  
7

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