

Python - Loop Dictionaries

[< Previous](#)[Next >](#)

Loop Through a Dictionary

You can loop through a dictionary by using a **for** loop.

When looping through a dictionary, the return value are the *keys* of the dictionary, but there are methods to return the *values* as well.

Example

Print all key names in the dictionary, one by one:

```
for x in thisdict:  
    print(x)
```

[Try it Yourself »](#)

Example

Print all *values* in the dictionary, one by one:

```
for x in thisdict:  
    print(thisdict[x])
```

[Try it Yourself »](#)



You can also use the `values()` method to return values of a dictionary:

```
for x in thisdict.values():  
    print(x)
```

[Try it Yourself »](#)

Example

You can use the `keys()` method to return the keys of a dictionary:

```
for x in thisdict.keys():  
    print(x)
```

[Try it Yourself »](#)

Example

Loop through both *keys* and *values*, by using the `items()` method:

```
for x, y in thisdict.items():  
    print(x, y)
```

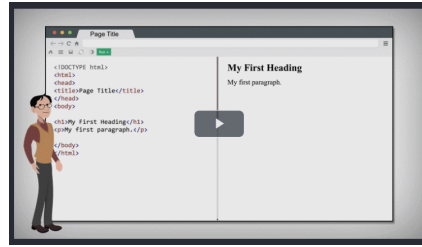
[Try it Yourself »](#)

[< Previous](#)[Next >](#)



HTML

CSS



Explore now

COLOR PICKER



Get certified
by completing
a course today!



Get started

CODE GAME



HTML

CSS



Play Game

Report Error

Forum

About

Shop

Top Tutorials

HTML Tutorial
CSS Tutorial
JavaScript Tutorial
How To Tutorial
SQL Tutorial
Python Tutorial
W3.CSS Tutorial
Bootstrap Tutorial
PHP Tutorial
Java Tutorial
C++ Tutorial
jQuery Tutorial

Top References

HTML Reference
CSS Reference
JavaScript Reference
SQL Reference
Python Reference
W3.CSS Reference



[HTML Colors](#)

[Java Reference](#)

[Angular Reference](#)

[jQuery Reference](#)

Top Examples

[HTML Examples](#)

[CSS Examples](#)

[JavaScript Examples](#)

[How To Examples](#)

[SQL Examples](#)

[Python Examples](#)

[W3.CSS Examples](#)

[Bootstrap Examples](#)

[PHP Examples](#)

[Java Examples](#)

[XML Examples](#)

[jQuery Examples](#)

Web Courses

[HTML Course](#)

[CSS Course](#)

[JavaScript Course](#)

[Front End Course](#)

[SQL Course](#)

[Python Course](#)

[PHP Course](#)

[jQuery Course](#)

[Java Course](#)

[C++ Course](#)

[C# Course](#)

[XML Course](#)

[Get Certified »](#)

W3Schools is optimized for learning and training. Examples might be simplified to improve reading and learning. Tutorials, references, and examples are constantly reviewed to avoid errors, but we cannot warrant full correctness of all content. While using W3Schools, you agree to have read and accepted our [terms of use](#), [cookie and privacy policy](#).

Copyright 1999-2021 by Refsnes Data. All Rights Reserved.

W3Schools is Powered by W3.CSS.

