



# Python - Loop Dictionaries

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## 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)
```

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### Example

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

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

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## Example

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

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

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## Example

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

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

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## Example

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

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

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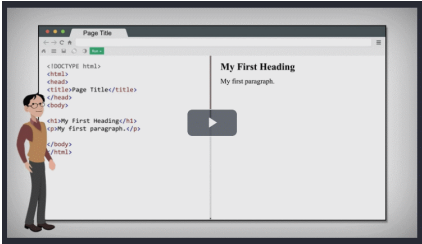
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