How to Get Keys of Python Dictionary as List?

Python Dictionary – Get Keys as List

Dictionary is a collection of **key:value** pairs. You can get all the keys in the dictionary as a Python List.

`dict.keys()` returns an iterable of type `dict_keys()`. You can convert this into a list using `list()`.

Also, you can use `*` operator, which unpacks an iterable. Unpack `dict` or `dict.keys()` in `[]` using `*` operator. It creates a list with dictionary keys in it.

Example 1 – Get Keys of Dictionary as Python List

In this example, we will create a Dictionary with some initial values and then get all the keys as a List into a variable.

example.py – Python Program

```
#initialize dictionary
aDict = {
    'tallest building':'Burj Khalifa',
    'longest river':'The Nile',
    'biggest ocean':'The Pacific Ocean'
}

# get keys as list
keys = list(aDict.keys())

#print keys
print(keys)
```

Output

```
['tallest building', 'longest river', 'biggest ocean']
```

We got all the keys of dictionary as a list.

Example 2 – Get Keys of Dictionary as Python List using For Loop

In this example, we will create a list and add all the keys of dictionary one by one while iterating through the dictionary keys.

example.py – Python Program

```
#initialize dictionary
aDict = {
    'tallest building':'Burj Khalifa',
    'longest river':'The Nile',
    'biggest ocean':'The Pacific Ocean'
}

# get keys as list
keys = []
for key in aDict.keys():
    keys.append(key)

#print keys
print(keys)
```

Output

```
['tallest building', 'longest river', 'biggest ocean']
```

Example 3 – Get Keys of Dictionary as Python List using * Operator

`*` operator unpacks a sequence. So, we will unpack the dictionary keys in `[]`, which will create a list.

example.py – Python Program

```
#initialize dictionary
aDict = {
    'tallest building':'Burj Khalifa',
    'longest river':'The Nile',
    'biggest ocean':'The Pacific Ocean'
}

# get keys as list
keys = [*aDict.keys()]

#print the list
print(keys)
```

Output

```
['tallest building', 'longest river', 'biggest ocean']
```

You can also use the dictionary directly instead of dict.keys() as shown below.

example.py – Python Program

```
#initialize dictionary
aDict = {
    'tallest building':'Burj Khalifa',
    'longest river':'The Nile',
    'biggest ocean':'The Pacific Ocean'
}

# get keys as list
keys = [*aDict]

#print the list
print(keys)
```

Output

```
['tallest building', 'longest river', 'biggest ocean']
```

Conclusion

In this Python Tutorial, we learned how to get the keys of a dictionary as Python List.

Python Programming

- Python Tutorial
- Install Python
- Install Anaconda Python
- Python HelloWorld Program
- Python Variables
- Python Variable Data Type Conversion
- Python Comments

Control Statements

- Python If
- Python If Else
- Python While Loop
- Python For Loop

Python String

- Python String Methods
- Python String Length
- Python String Replace
- Python Split String
- Python Count Occurrences of Sub-String
- Python Sort List of Strings

Functions

- Python Functions

Python Collections

- Python List
- Python Dictionary

Advanced

- Python Multithreading

Useful Resources

- Python Interview Questions