# How to find Length of Python List?

## Python List Length

To find the length of a Python List, you can use Python built-in function len().

len() accepts Python List as an argument and returns an integer representing number of elements in the list.

## Example 1 – Find Length of List

In the following python program, we initialize a python list with integers and find the length of the list (number of elements in the list).

**example.py – Python Program**

```
#initialize list
aList = [21, 28, 14, 96, 84, 65, 74, 31]

#find list length
len = len(aList)

#print list length
print('Length of the list is :', len)
```

**Output**

```
Length of the list is : 8
```

## Example 2 – Find Length of List with elements of Different Datatypes

In the following example, we initialize a list with different datatypes and try to find the length of the list using len().

**example.py – Python Program**

```
#initialize list
aList = [True, 28, 'Tiger']

#find list length
len = len(aList)

#print list length
print('Length of the list is :', len)
```

**Output**

```
Length of the list is : 3
```

## Example 3 – Find Length of an Empty List

Of course, the length of an empty list is zero. But we are finding that out programmatically in the following example.

**example.py – Python Program**

```
#empty list
aList = []

#find list length
len = len(aList)

#print list length
print('Length of the list is :', len)
```

**Output**

```
Length of the list is : 0
```

## Conclusion

In this Python Tutorial, we learned how to find the length of a list using len() function with the help of example Python programs.

## 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