

# Python String – Check if String Ends with a Specific Suffix

## Python – Check if String Ends with a Specific Substring

String is a sequential collection of characters. When working with Strings, occasionally, we may need to check if the string ends with a specific word or a in other words, a suffix.

In this tutorial, we shall learn how to check if a string ends with a specific word.

To check if a string ends with a given word, you can use `str.endswith()` function.

### Syntax of `endswith()`

Following code snippet expresses the syntax of `endswith()` function.

```
str.endswith(suffix[, start[, end]])
```

where `suffix` is the substring we are looking to match in the main string. `start` and `end` arguments are optional. `end` can be mentioned only if `start` is provided.

If `start` is given, the main string from that position is considered for matching with suffix.

If `end` is given, the main string till that position is considered for matching with suffix.

`endswith()` returns **True** if the string ends with the suffix, else `endswith()` returns **False**.

**Note:** You can also provide multiple strings as a tuple for suffix. In that case, `endswith()` returns true if the string ends with one of the string in suffix. We shall look into this scenario with an example.

### Example 1 – Check if String Ends with Suffix

In this example, we have taken a website url as our main string. We shall validate the string, if it ends with suffix `com`. To validate this, we shall use `str.endswith()` function as described in the syntax.

#### example.py – Python Program

```
#the string
website = 'https://www.tutorialkart.com'

#suffix
suffix = 'com'

#check if string ends with suffix
isValid = website.endswith(suffix)

print(isValid)
```

Run the program.

True

Let us check for some of the negative scenarios.

#### example.py – Python Program

```
#the string
website = 'https://www.tutorialkart.com'

#check if string ends with suffix
print(website.endswith('http'))
print(website.endswith('www'))
print(website.endswith('com'))
```

Run the program using Python interpreter.

False  
False  
True

## Example 2 – Check if String Ends with any of the multiple Suffixes

We have noted in the syntax section that you can specify multiple strings for suffix.

In this example, we shall take multiple strings as a tuple for suffix and use `endswith()` function.

#### example.py – Python Program

```
#the string
website = 'https://www.tutorialkart.com'

#suffix
suffix = ('com','in','us','org')

#check if string ends with suffix
isValid = website.endswith(suffix)

print(isValid)
```

Run the above python program.

True

Our string ends with one of the specified strings in suffix.

## Example 3 – Check if String Ends with Suffix considering [start, end]

In this example, we shall use the parameters `start` and `end` mentioned in the syntax above.

#### example.py – Python Program

```
#the string
website = 'https://www.tutorialkart.com'

#check if string ends with suffix
#start specified
print(website.endswith('com', 8)) #True
#both start and end specified
print(website.endswith('com', 8, 12)) #False
print(website.endswith('us', 15)) #False
```

## Conclusion

In this [Python Tutorial](#), we learned how to use `str.endswith()` function to check if a string ends with a prefix using Python programs.

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▸ [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](#)

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▸ [Python Functions](#)

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