

# Python Strings

Anything between the single or double quotes in python code is considered as 'strings' or 'str'.

A string is just a collection of characters (numbers, alphabets, special char etc) within single or double quotes.

```
String1 = 'Hello, Great Learning'  
String2 = "Hello, Great Learning"
```

There is a keyword 'str'

```
str
```

To convert any data point to string , use str(data\_point)

```
number= 1234  
str(number) # will give output as '1234'
```

The below code will give error as single quoted 1 will not be identified as a numeric value

```
'1'+1  
  
-----  
TypeError                                 Traceback (most recent call last)  
<ipython-input-36-d9f6420d3d87> in <module>  
----> 1 '1'+1  
  
TypeError: can only concatenate str (not "int") to str
```

This will concatenate the two strings

```
'1'+ '1' # will give '11'
```

Please refer to official Python Documentation:

- <https://docs.python.org/3/library/string.html>
- <https://docs.python.org/3/library/stdtypes.html#string-methods>