

Working with Python strings



Python Scripting for Automation

(Automate your repetitive tasks with python scripting)

Introduction:

What is String in Python?

- A string is a sequence of characters.
- A character is simply a symbol. For example, the English language has 26 characters.
- Computers do not deal with characters, they deal with numbers (binary). Even though you may see characters on your screen, internally it is stored and manipulated as a combination of 0's and 1's.
- This conversion of character to a number is called encoding, and the reverse process is decoding. ASCII and Unicode are some of the popular encoding used.
- In Python, string is a sequence of Unicode character. Unicode was introduced to include every character in all languages and bring uniformity in encoding.

How to create a string in Python?

How to access characters in a string?

(slicing of a string)

How to change or delete a string?

(Strings are immutable. This means that elements of a string cannot be changed once it has been assigned. We can simply reassign different strings to the same name)

How to find the length of a string ?

How to add/Concatenate two strings ?

Thank you