String slices, function and methods

Week -5, Lecture-3

Slice

- Slice can be used to return a range of characters from a string.

- This is done by specifying the start index and the end index, separated by a colon, to return a part of the string.

Example

str='spyder'

*print(str[**2:5**]))*

Output: yde

s	p	y	d	e	r
0	1	2	3	4	5

Example

str='spyder'

*print(str[**3:-1**])*

Output: de

s	p	y	d	e	r
0	1	2	3	4	5

Example

str='spyder'

print(str[:4])

Output: spyd

s	p	y	d	e	r
0	1	2	3	4	5

String Methods

- upper() : To upper case
- lower(): To lower case
- endswith(): Returns true if the string ends with the specified value.
- split(): Splits the string at the specified separator, and returns a list.

- find(): Searches the string for a specified value and returns the position of where it was found.

- strip(): Returns a trimmed version of the string.

- count(): Returns the number of times a specified value occurs in a string.

- isalnum(): Returns True if all characters in the string are alphanumeric

Thank You