🜟 Python String Methods – Editable Study Notes



Converts a string to **uppercase**.

```
str1 = "AbcDEfghIJ"
print(str1.upper())
```

Output: ABCDEFGHIJ



Converts a string to **lowercase**.

```
str1 = "AbcDEfghIJ"
print(str1.lower())
```

Output: abcdefghij



Removes any **leading and trailing** whitespaces.

```
str2 = " Silver Spoon "
print(str2.strip())
```

Output: Silver Spoon



Removes trailing characters.

```
str3 = "Hello !!!"
print(str3.rstrip("!"))
```

Output: Hello

```
$ replace()
```

Replaces parts of the string with something else.

```
str2 = "Silver Spoon"
print(str2.replace("Sp", "M"))
```

Output: Silver Moon



Splits the string at a separator and returns a list.

```
str2 = "Silver Spoon"
print(str2.split(" "))
```

Output: ['Silver', 'Spoon']



Capitalizes the first letter and lowers the rest.

```
str1 = "hello"
print(str1.capitalize())
```

Output: Hello

```
center(width, [char])
```

Centers string in a field of specified width.

```
str1 = "Welcome to the Console!!!"
print(str1.center(50, "."))
```

Output:Welcome to the Console!!!.....

```
count(substring)
```

Counts how many times a value appears.

```
str2 = "Abracadabra"
print(str2.count("a"))
```

Output: 4



Returns True if string ends with specified value.

```
str1 = "Welcome to the Console !!!"
print(str1.endswith("!!!"))
```

Output: True

```
find()
```

Finds first occurrence index, else returns -1.

```
str1 = "He's name is Dan. He is an honest man."
print(str1.find("is"))
```

Output: 10



Same as find() but throws error if not found.

```
str1 = "He's name is Dan. Dan is an honest man."
print(str1.index("Dan"))
```

Output: 13

```
isalnum()
```

True if string has only letters and numbers.

```
str1 = "WelcomeToTheConsole"
print(str1.isalnum())
```

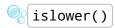
Output: True

isalpha()

True if only letters (no numbers).

```
str1 = "Welcome"
print(str1.isalpha())
```

Output: True



True if all lowercase.

```
str1 = "hello world"
print(str1.islower())
```

Output: True



True if all characters are printable.

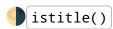
```
str1 = "We wish you a Merry Christmas"
print(str1.isprintable())
```

Output: True

```
isspace()
```

True if string has only whitespaces.

Output: True



True if each word starts with uppercase.

```
str1 = "World Health Organization"
print(str1.istitle())
```

Output: True



True if all characters are uppercase.

```
str1 = "WORLD HEALTH ORGANIZATION"
print(str1.isupper())
```

Output: True



True if string starts with specified value.

```
str1 = "Python is a Interpreted Language"
print(str1.startswith("Python"))
```

Output: True

```
$\text{swapcase()}
```

Switches upper to lower and vice versa.

```
str1 = "Python is a Interpreted Language"
print(str1.swapcase())
```

Output: pYTHON IS A iNTERPRETED LANGUAGE



Capitalizes each word in the string.

```
str1 = "He's name is Dan. Dan is an honest man."
print(str1.title())
```

Output: He'S Name Is Dan. Dan Is An Honest Man.