



String Methods

Lesson Outcomes

1. Know what a string method is
2. Know how to use the `len()` method to get the number of characters in a string
3. Know how to use the `str()` method to change a number such as an integer or float to a string
4. Know how to use the `.lower()` method to make all the characters in a string lower case
5. Know how to use the `.upper()` method to make all the characters in a string upper case



What is a String Method?

len()

```
string = "Yoda" # we will use the len() method on this string
```

```
length = len(string) # assigns the number of characters in the string "Yoda" to the variable length
```

```
print(length) # prints the number of characters in the string "Yoda", which is 4
```

str()

```
num = 9 # we will use the str() method on this number
```

```
string = str(num) # turns number 9 to "9" and assigns that string to the variable string
```

```
print(string) # prints the string 9
```

.lower() and .upper()

```
str1 = "LOWER" # will be changed from "LOWER" to "lower"
```

```
print(str1.lower()) # prints lower as output
```

```
str2 = "upper" # will be changed from "upper" to "UPPER"
```

```
print(str2.upper()) # prints UPPER as output
```

Recap

1. Know what a string method is
2. Know how to use the `len()` method to get the number of characters in a string
3. Know how to use the `str()` method to change a number such as an integer or float to a string
4. Know how to use the `.lower()` method to make all the characters in a string lower case
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What's Next?