

Strings

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LAST TIME: In

Is this element in the collection?

```
vowels = 'aeiou'
```

```
'a' in vowels
```

```
>> True
```

```
'x' in vowels
```

```
>> False
```

```
'aeo' in vowels
```

```
>> False
```

String Comparison

What happens when we use comparison operators on strings?

- Compare one at a time until there's a difference

What is a Method?

A Method is a function that is only used for a certain TYPE.

String methods are methods that specifically work on strings.

Unlike functions, methods use dot notation

```
1  string = "hello"
2
3  print(string) # function
4  string.upper() # method
5
```

Chaining Methods

```
1 string = "Hello WhaT is YouR NAME?"  
2  
3 print(string.lower().replace("e", "3").replace("a", "@").replace("o", "0"))  
4
```

Some String Methods

- `.upper()` and `.lower()`
- `.isalpha()`, `.isdigit()`, `.isupper()`, `.islower()`
- `.replace()`
- `.startswith()`
- `.strip()`
- `.split()`