CHAINING METHODS

String Basics

String Arithmetic

Indexing & Slicing

String Methods

F-Strings

Methods can be **chained together** to create powerful expressions

```
message = 'I hope it snows TONIGHT!'
message[6::].lower().split()
```

`['it', 'snows', 'tonight!']`

message[6::] → 'it snows TONIGHT!'

'it snows TONIGHT!'.lower() → 'it snows tonight!'

'it snows tonight!'.split() → ['it', 'snows', 'tonight!']

How does this code work?

- The string is **sliced** to remove the first two words ('I hope')
- Then it's converted to all lowercase letters with **.lower()**
- And finally divided into a list of separate words with **.split()**

```
len(message[6::].lower().split())
```

3

You can even wrap this in a len function to return the number of words after 'I hope'