Static and Instance Methods

In [4]:
```python
class WordSet:
    def __init__(self):
        self.words = set()

    def addText(self, text):
        text = WordSet.cleanText(text)
        for word in text.split():
            self.words.add(word)


    def cleanText(text):
        # chaining functions
        text = text.replace('!', '').replace('.', '').replace(',', '').replace(
        return text.lower()


wordSet = WordSet()

wordSet.addText('Hi, I\'m Ryan! Here is a sentence I want to add!')
wordSet.addText('Here is another sentence I want to add.')

print(wordSet.words)
```

```
{'a', 'add', 'another', 'is', 'to', 'hi', 'sentence', 'here', 'want', 'i', 'r
yan', 'im'}
```

```python
In [6]: class WordSet:
            replacePuncs = ['!', '.', ',', '\'']
            def __init__(self):
                self.words = set()

            def addText(self, text):
                text = WordSet.cleanText(text)
                for word in text.split():
                    self.words.add(word)


            def cleanText(text):
                # chaining functions
                for punc in WordSet.replacePuncs:
                    text = text.replace(punc, '')
                return text.lower()


        wordSet = WordSet()

        wordSet.addText('Hi, I\'m Ryan! Here is a sentence I want to add!')
        wordSet.addText('Here is another sentence I want to add.')

        print(wordSet.words)
```

```
{'a', 'add', 'another', 'is', 'to', 'hi', 'sentence', 'here', 'want', 'i', 'r
yan', 'im'}
```

```python
In [ ]:
```

Decorators

In [7]:
```python
class WordSet:
    replacePuncs = ['!', '.', ',', '\'']
    def __init__(self):
        self.words = set()

    def addText(self, text):
        text = self.cleanText(text)
        for word in text.split():
            self.words.add(word)

    @staticmethod
    def cleanText(text):
        # chaining functions
        for punc in WordSet.replacePuncs:
            text = text.replace(punc, '')
        return text.lower()


wordSet = WordSet()

wordSet.addText('Hi, I\'m Ryan! Here is a sentence I want to add!')
wordSet.addText('Here is another sentence I want to add.')

print(wordSet.words)
```

```
{'a', 'add', 'another', 'is', 'to', 'hi', 'sentence', 'here', 'want', 'i', 'r
yan', 'im'}
```

In [ ]: