String Slices (pre-recorded video)

- A string segment is called a **slice** - similar to selecting a character:

```
s = 'WestMinster!'
print(s[0:4])            # West
print(s[4:11])           # Minster
```

0	1	2	3	4	5	6	7	8	9	10	11
W	e	s	t	M	i	n	s	t	e	r	!

- The first index number is where the slice starts, and the second index number is 1 before the slice ends. E.g.,

```
[0:4]         index range from 0 to 4 (not including 4)
[4:11]        index range from 4 to 11 (not 11)
```

String Slices (pre-recorded video)

- If you omit the first index (before the colon), the slice starts at the beginning of the string. If you omit the second index, the slice goes to the end of the string:

```
fruit = 'banana'
print(fruit[:3])  # ban
print(fruit[3:])  # ana
```

Self-Check Question 1 (pre-recorded video)

```
    singers = "Peter, Paul, and Mary"
```

• What will print?

```
print(singers[2])          _____

print(singers[0:5])        _____

print(singers[7:11])       _____

print(singers[17:21])      _____
```

ANSWERS - Self-Check Question 1 (pre-recorded video)

```
    singers = "Peter, Paul, and Mary"
```
• What will print?

```
print(singers[2]) t

print(singers[0:5])    Peter
              (If you omit the first index the slice
              starts at the beginning of string)

print(singers[7:11])  Paul

print(singers[17:21]) Mary
```