```python
s = "hello"
```

```python
s[0]
```

```
'h'
```

```python
s[-1]
```

```
'o'
```

```python
s[-3]
```

```
'l'
```

```python
s[-6]
```

```
---------------------------------------------------------------------------
IndexError                                Traceback (most recent call last)
<ipython-input-6-58250313aa41> in <cell line: 0>()
----> 1 s[-6]

IndexError: string index out of range
```

Next steps: (**Explain error**)

```python
# Slicing the strings
```

```python
s
```

```
'hello'
```

```python
s[0:4:2]
```

```
'hl'
```

```python
s[4:0:-1]
```

```
'olle'
```

```python
s[0::1]
```

```
'hello'
```

```python
s[0:4]
```

```
'hell'
```

```python
s[::-1]
```

```
'olleh'
```

```python
# String methods
```

```python
s = "hello world"
```

```python
s.upper()
```

```
'HELLO WORLD'
```

```python
s = s.upper()
```

```python
s.lower()
```

```
s = "Hello world"
```

```
s.swapcase()
```

```
s.capitalize()
```

```
s.title()
```

```
s.strip()
```
'Hello world'

```
s = " Hello World"
```

```
s.strip()
```
'Hello world'

```
s = " Hello  "
```

```
s.rstrip()
```
' Hello'

```
s = "Hello world"
```

```
s.replace("Hello" , "Hey")
```

```
s.split ()
```
['Hello', 'world']

```
"".join(s)
```

```
s.index("e")
```
1

```
s.find("l")
```
2

```
s.count("w")
```
1

```
s.startswith("H")
```
True

```
s.isalnum()
```
False