

IMMUTABILITY - cannot change or cannot mutate.

```
In [1]: name = "sam"

In [2]: # name[0] = 'p'

In [3]: last_letters = name[1:]

In [4]: last_letters
Out[4]: 'am'

In [5]: 'p' + last_letters
Out[5]: 'pam'

In [6]: x = 'hello world'

In [7]: x + "it is beautiful outside!"
Out[7]: 'hello worldit is beautiful outside!'

In [8]: x = x + "it is beautiful outside!"

In [9]: x
Out[9]: 'hello worldit is beautiful outside!'

In [10]: letter = 'z'

In [11]: letter * 10
Out[11]: 'zzzzzzzzzz'

In [12]: 2 + 3
Out[12]: 5

In [13]: '2' + '3'
Out[13]: '23'

In [14]: x = 'Hello World'

In [15]: x.upper()
Out[15]: 'HELLO WORLD'

In [16]: x
Out[16]: 'Hello World'

In [17]: x.upper
Out[17]: <function str.upper()>

In [19]: x.lower()
Out[19]: 'hello world'

In [20]: x.split()
Out[20]: ['Hello', 'World']

In [21]: x = 'hi this is a string'

In [22]: x.split()
Out[22]: ['hi', 'this', 'is', 'a', 'string']

In [23]: x.split('i')
Out[23]: ['h', ' th', 's ', 's a str', 'ng']

In [24]: print('hello')
hello

In [ ]:
```