

# .format()

Replace `{}` in strings by other strings, numbers, or variables.

```
>>> my_string = "Hello, my name is {}"  
>>> my_string.format("Jose")  
'Hello, my name is Jose'  
>>> name = "Rolf"  
>>> my_string.format(name)  
'Hello, my name is Rolf'
```

These get replaced in the order they appear.

```
>>> my_string = "Hello, my name is {} and I am {} years old."  
>>> my_string.format("Jose", 99)  
'Hello, my name is Jose and I am 99 years old'
```

We can also give each a name, for more readability.

```
>>> s = "Hello, my name is {name} and I am {age} years old."  
>>> s.format(name="Jose", age=99)  
'Hello, my name is Jose and I am 99 years old'
```

Something frequently used is restricting decimal points to 2.

```
>>> student_grade = 17.0/29  
>>> s = "I scored {grade} on the test."  
>>> s.format(grade=student_grade)  
'I scored 0.5862068965517241 on the test.'  
>>> s = "I scored {grade:.2%} on the test."  
>>> s.format(grade=student_grade)  
'I scored 58.62% on the test.'
```