

Python Functions

Cheat Sheet

Defining a Function

Use the def keyword followed by the function name and parentheses ()

```
def my_function():  
    print("Hello from my function!")
```

Calling a Function

Use the function name followed by parentheses ()

```
my_function()  
# This will print: "Hello from my function!"
```

Arguments and Parameters

define parameters in the parentheses when creating the function, and pass arguments when calling the function

```
def greet(name):  
    print(f"Hello, {name}!")
```

Parameter

```
greet("Alice") # This will print: "Hello, Alice!"
```

Argument

Default Parameter Value

Assign a default value to a parameter in case the function is called without an argument for that parameter.

```
def greet(name="User"):  
    print(f"Hello, {name}!")
```

default value

```
greet() # This will print: "Hello, User!"
```

no argument!

default value is used