

# Functions

## functions

- Anatomy:

```
output1,output2,... = function_name(argument1, argument2, ...)
```

- A function takes 0 or more inputs (arguments)
- Performs some operations behind the scenes
- Returns 0 or more outputs (returns)

```
output = function_name(argument1)
```

- Most functions take at least 1 argument
- And return 1 output

## Basic functions

- This is a list of the basic functions in python:
  - [https://www.w3schools.com/python/python\\_ref\\_functions.asp](https://www.w3schools.com/python/python_ref_functions.asp)
- However, remember:
  - Many, many more (useful) functions are available in packages