
Intro to Python

Week 2 : Conditional Statements

Review

Variable Name Rules

Variables can have **almost** any name *except*:

- Names with spaces
- An existing Python command
- Names that start with a numeral or symbol

The Basics: Simple Data Types

- **integer** - a whole number (3, 105, -2, 57623021)
- **float** - a decimal number (3.0, 1.05, -0.0002, 5762.3021)
- **string** - a word or series of characters. Must be written inside quotation marks: “ ” (“dog”, “5”, “My friend is 6 feet tall”)

Math in Python

You can use Python like a calculator to perform mathematical operations on values and variables.

- add: +
- subtract: -
- multiply: *
- divide: /

The Basics: Functions

- Commands that perform complex actions
- Always end in “()”
- The function will take whatever you put in the () as input
- Some are built-in, but you can (and will) make your own!

`print ()` outputs some information

`type ()` tells you the data type of something

Conditional Statements in Python

What is a conditional statement

- A function that performs a certain action depending on whether a specific value is true or false
- Three types of conditionals in python: if, else and elif



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