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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