**Week 0 Cheat Sheet**

# Python, Strings, Data Types, I/O, Operators

Data Types

|  |  |
| --- | --- |
| Data Type | Example |
| String | “Hello World!” |
| Integer | 5 |
| Float | 2.5 |
| Boolean | True |

Operators

|  |  |  |  |
| --- | --- | --- | --- |
| Operation | Symbol | Example Use | Example Output |
| addition | + | print(5+2) | 7 |
| subtraction | - | print(5-2) | 3 |
| multiplication | \* | print(5\*2) | 10 |
| division | / | print(5/2) | 2.5 |
| power | \*\* | print(5\*\*2) | 25 |
| modulus | % | print(5%2) | 1 |
| floor | // | print(5//2) | 2 |

Functions

|  |  |  |
| --- | --- | --- |
| Function | Usage | Example |
| input() | To get user input | name = input(“What is your name? ”) |
| print() | To output to the terminal | print(“Hello World”) |
| type() | To get the type | type(“name”) |

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