

CS 150 Spring 2020 – Quiz 1 “Cheat Sheet”

Numeric Operators

+, -, /, *: Addition, subtraction, division, multiplication

//: Floor division: Round division result down to nearest whole number

%: Modulus: Evaluate to remainder of division

Strings

The following functions are built-in

len(string): Returns the number of characters in the string

int(string), float(string): Converts numeric string to int or float

str(object): Converts object, e.g. int or float, to a string

String operators

string1 + string2: Returns a new string that is the concatenation of string1 and string2

string * int: Returns a new string that is string repeated int times

Function definition

To define a new function:

```
def <function_name>(<parameters>):  
    <statements>
```

For example:

```
def my_pow(n, m):  
    """  
    Returns n raised to power m  
    """  
    return n ** m
```

```
>>> my_pow(2,5)
```

```
32
```