

CS 146 Fall 2025 – Quiz 1 “Cheat Sheet”

Numeric Operators

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

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

%: Modulus: Evaluate to remainder of division

Precedence (equal precedence evaluated left-to-right):

parentheses > ** > negate > *,/,//,% > +, -

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