**Ex 22**

# What Do You Know So Far?

single ('), double (") and triple (""" .. """): quotes to denote string literals double quote = delineates a sequence of characters

string: a sequence of characters

print(): print function, displays the specified (bracketed) message to the screen

print(f""): Prints formatted data to screen

# pound character, inserts a comment that is to be ignored by python, to comment out code

+ Addition operator: adds two operands

- Subtraction operator: subtracts two operands

/ Division (float) operator: divides the first operand by the second

\* Multiplication operator: multiplies two operands

% Modulus operator: returns the remainder when first operand is divided by the second

< Less than operator: True if left operand is less than the right

<= Less than or equal to operator: True if left operand is less than or equal to the right

> Greater than operator: True if left operand is greater than the right

>= Greater than or equal to operator: True if left operand is greater than or equal to the right

= Assign value of right side of expression to left side operand

== Equal to: True if both operands are equal

+= Add AND: Add right side operand with left side operand and then assign to left operand

{} In Python, curly braces are used to define a variable inside a string

[] index operator used to make a list

"\" backslash, prefixes a special character to turn it into an ordinary character.

\n breaks the string print into separate lines

float, decimal format of a number

end=' ', inprint() prints two string lines as one

sys: system library, contains some of the commands one needs in order to work with command-line arguments

argv: argument vector, function Python uses to keep track of the arguments you key in at the command line.

args: the \*args argument in a Python function to pass command line arguments to python script.

'r' (default) mode to read a file

'w' mode to write a file

'a' mode to append to the file.

'r+' mode to open a file for updating (reading and writing)

def: keyword to create a function

f.read()) function to print the content of a text file

f.readline() function to read the contents of a line

+= an " increment operator"

if: if condition, specifies Boolean expression/proposition

elif: else if condition, specifies additional Boolean propositions

else: else condition, block of code that is executed when the if or elif block is False.

from, import specific parts of a module

import, import a module into use in a script

.append(): method that takes a single item and adds it to the end of the list.

variable: reserved memory location to store value(s)

input(): function you use to obtain data from the user

parameter: variables you pass into a function

argument: specific values of the parameters you pass into a function

module: block of reusable code