computer science
bit – smallest piece of info, 1 or 0
file
computing
syntax error – mistake in structure/syntax
white space
algorithm – instructions for problem
pseudocode – "human speak" code
source code – script we write (object code is then what is compiled for the computer to read)
keyword – special words in Python

variable – see object reference
assignment – the = sign
expression – line of code that evaluates to a single value (arithmetic, logical, etc)
operator - + - / % etc
concatenation – adding together
object – chunk of memory
object reference – pointer to that chunk
delimiters – brackets, commas, colons…
identifier – the var name

data type
class – what defines a data type (what it can do, make, etc.)
bool (Python type) – True/False
boolean variable – has True/False value
boolean expression – evaluates to bool
dictionary (Python type) – {}, key and value, unorderedm mutable,
float (Python type) - decimal
floating-point number – holds float
set (Python type) – {}, unordered, unindexed
list (Python type) – [], ordered, mutable
int (Python type) – no decimal
str (Python type) – chars
immutable - unchangeable

function – def, chunk of code
formal parameter - in def
parameter – see formal parameter
actual parameter - in call
argument – see actual parameter
parameter passing – handing off args to function call
positional parameter – just list, so must be in right order
keyword parameter - formally stated (x = …, y = …) in call, any order
main function – calls other functions
method – built in
module – loaded in code
scope – the reach of the vars
value-returning function

statement – the instruction in code
if-else
for loop
while loop