Python basics

* # comment
* Output to user
  + print (“string”)
* inline comments work as normal
* variable declarations are typeless, like PHP
  + Python: age = 11
  + PHP: $age = 11;
* Python uses indentation to determine blocks of code to run.

PYTHON  
age = 11  
if age >= 18  
 print(“You are old enough for this.”)  
else  
 print(“You are too young for this, kid.”)

* Whitespace management is essential in Python
  + Improper indentation will cause errors
* Tracing
  + Working out the logic of code by hand to be able to determine how it works
  + Key skill for finding logical errors
* Chapter 0 key terms
  + Conditional statement
    - If/else
  + Comments
    - Makes code organized for other programmers or yourself
    - # comment
  + Debug
    - Look for and correct errors
  + High-level
    - English like programming that makes it so that humans are able to easily understand the code
  + Indentation
    - Arrangement and separation of text
  + Interpreter
    - Synonym for C++ compiler or PHP’s Zend Engine
  + Syntax
    - Rules for writing in a programming language
  + Value
    - A unit of data
  + Variable
    - A unit of memory that is associated with a value
  + Whitespace
    - The space to the left of the code segment, used to separate sections of code.