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Fundamentals of Problem Solving Using Python I and II CSCI2011 and CSCI2012

Glossary

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CHANGE HISTORY TABLE

Version	Description of Change	Date
0.1	Initial Draft	19 SEP 2017
0.2	Technical Edit Review	21 SEP 2017
0.3	Security Review	25 SEP 2017
0.4	Project Manager Review	25 SEP 2017
0.5	Functional Lead Review	25 SEP 2017
1.0	Final Version	25 SEP 2017
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GLOSSARY

Term/Acronym	Definition
>>>	The default Python prompt of the interactive shell; often seen for code examples which can be executed interactively in the interpreter. Source: https://docs.python.org/2/glossary.html
	The default Python prompt of the interactive shell when entering code for an indented code block or within a pair of matching left and right delimiters (parentheses, square brackets or curly braces). Source: https://docs.python.org/2/glossary.html
Abstraction	The third step in the computational thinking process. During this step, the user focuses analysis on the important information and exclude or hide irrelevant details. Source: Introduction to Computational Thinking WBT (COMPT1000)
Algorithm	A general process for solving a category of problems. Source: http://www.greenteapress.com/thinkpython/thinkpython.pdf
Algorithmic Design	The fourth step in the computational thinking process. During this step, the user creates a mathematical process to efficiently solve problems or complete a task. Source: Introduction to Computational Thinking WBT (COMPT1000)
Argument	A value passed to a function (or method) when calling the function. Source: https://docs.python.org/2/glossary.html
Array	A JSON data type that is an ordered list of zero or more values, each of which may be of any type. Source: Fundamentals of Problem Solving Using Python I Course, Lesson 7
Assignment	A statement that gives value to a variable. Source: http://www.pythonforbeginners.com/cheatsheet/python-glossary/
Attribute	A value associated with an object that is referenced by name using dotted expressions. For example, if an object <i>o</i> has an attribute <i>a</i> it would be referenced as <i>o.a.</i>
	Source: https://docs.python.org/2/glossary.html
Block	A section of code which is grouped together. Source: http://www.pythonforbeginners.com/cheatsheet/python-glossary/
Body	The sequence of statements inside a function definition. Source: http://www.greenteapress.com/thinkpython/thinkpython.pdf

Term/Acronym	Definition
Boolean	An expression whose value is either True or False.
expression	Source: http://www.greenteapress.com/thinkpython/thinkpython.pdf
Branch	One of the alternative sequences of statements in a conditional statement.
	Source: http://www.greenteapress.com/thinkpython/thinkpython.pdf
Break	A statement used to exit a for loop or a while loop. Source: http://www.pythonforbeginners.com/cheatsheet/python-glossary/
Bug	An error in a program.
	Source: http://www.greenteapress.com/thinkpython/thinkpython.pdf
Code	A piece of text that cannot be understood without a key, hence the source code for a program.
	Source: http://cse.csusb.edu/dick/cs202/glossary.html
Code cell	An element within Jupyter Notebook. Code cell is the default type of cell and allows you to edit and write new code.
	Source: http://jupyter-notebook.readthedocs.io/en/stable/notebook.html
Collections Library	A Python library that implements specialized container datatypes providing alternatives to Python's general purpose built-in containers, dictionary, list, set, and tuple.
	Source: https://docs.python.org/3/library/collections.html
Command mode	A setting within Jupyter Notebook. When you are in command mode, you are able to edit the notebook as a whole, but not type into individual cells. Source: http://jupyter-notebook.readthedocs.io/en/stable/ examples/
	Notebook/Notebook%20Basics.html
Command prompt	The application, on Windows, where commands are typed into a window for execution.
	Source: http://jupyter.readthedocs.io/en/latest/glossary.html
Comment	Information in a program that is meant for other programmers (or anyone reading the source code) and has no effect on the execution of the program.
	Source: http://www.greenteapress.com/thinkpython/thinkpython.pdf
Computational thinking	A set of data-driven problem-solving techniques that deconstruct a problem into a format that can be processed by a human, machine, or both.
	Source: Introduction to Computational Thinking WBT (COMPT1000)
Concatenate	An operation that joins two operands end-to-end.
	Source: http://www.greenteapress.com/thinkpython/thinkpython.pdf

Term/Acronym	Definition
Condition	The Boolean expression in a conditional statement that determines which branch is executed.
	Source: http://www.greenteapress.com/thinkpython/thinkpython.pdf
Conditional statement	A statement that controls the flow of execution depending on some condition.
	Source: http://www.greenteapress.com/thinkpython/thinkpython.pdf
Continue	A statement used to skip the current block, and return to the "for" or "while" statement
	Source: http://www.pythonforbeginners.com/cheatsheet/python- glossary/
Counter	A data structure within the Collections Library. It is a dictionary subclass for counting objects.
	Source: Source: Fundamentals of Problem Solving Using Python II Course, Lesson 7
CSV Library	A Python library that implements classes to read and write tabular data in CSV (Comma Separated Values) format. The CSV format is the most common import and export format for spreadsheets and databases
	Source: https://docs.python.org/3/library/csv.html
DataFrame	A two-dimensional data structure, (i.e., data is aligned in a tabular fashion in rows and columns), in the Pandas Library.
	Source: https://www.tutorialspoint.com/python_pandas/ python_pandas_dataframe.htm
Dataset	A basic data container.
	Source: http://www.pymvpa.org/tutorial_datasets.html
Data structure	A collection of related values, often organized in lists, dictionaries, tuples, etc.
	Source: http://www.greenteapress.com/thinkpython/thinkpython.pdf
Data type	A collection of values together with the operations that use them and produce them, plus the assumptions that can be made about the operations and values.
	Source: http://cse.csusb.edu/dick/cs202/glossary.html
Datetime Library	A Python library that supplies classes for manipulating dates and times in both simple and complex ways.
	Source: https://docs.python.org/3/library/datetime.html
Datetime Object	A combination of a date and a time. It is an object in the Datetime Library.
	Source: Fundamentals of Problem Solving Using Python II Course, Lesson 6

Term/Acronym	Definition
Debugging	The process of finding and removing any of the three kinds of programming errors (syntax, runtime, semantic).
	Source: http://www.greenteapress.com/thinkpython/thinkpython.pdf
Decomposition	The first step in the computational thinking process. During this step, users break down a complex problem or system into smaller parts that are more manageable and easier to understand. Source: Introduction to Computational Thinking WBT (COMPT1000)
Decrement	An update that decreases the value of a variable.
	Source: http://www.greenteapress.com/thinkpython/thinkpython.pdf
Def	A statement that defines a function or method. Source: http://www.pythonforbeginners.com/cheatsheet/python-glossary/
Default value	The value given to an optional parameter if no argument is provided. Source: http://www.greenteapress.com/thinkpython/thinkpython.pdf
Defaultdict	A data structure within the Collections Library. It is a dictionary subclass that calls a factory function to supply missing values. Source: Source: Fundamentals of Problem Solving Using Python II Course, Lesson 7
Definition	A piece of source code or text that binds a name to a precise "definite" meaning. A definition may implicitly also declare the name at the same time or bind more information to an already defined name. Source: http://cse.csusb.edu/dick/cs202/glossary.html
Delimiter	A character or string used to indicate where a string should be split. Source: http://www.greenteapress.com/thinkpython/thinkpython.pdf
Dictionary	A mapping from a set of keys to their corresponding values. Source: http://www.greenteapress.com/thinkpython/thinkpython.pdf
Edit mode	A setting within Jupyter Notebook. When a cell is in edit mode, you can type into the cell, like a normal text editor. Source: http://jupyter-notebook.readthedocs.io/en/stable/ examples/ Notebook/Notebook%20Basics.html
Element	One of the values in a list (or other sequence), also called items. Source: http://www.greenteapress.com/thinkpython/thinkpython.pdf
"Else" expression	An alternative statement that is executed if the result of a previous test condition evaluates to false. Source: https://www.techopedia.com/definition/23974/else-statement
Empty string	A string with no characters and length 0, represented by two quotation marks.
	Source: http://www.greenteapress.com/thinkpython/thinkpython.pdf

Term/Acronym	Definition
Evaluate	To simplify an expression by performing the operations in order to yield a single value.
	Source: http://www.greenteapress.com/thinkpython/thinkpython.pdf
Exception	An error that is detected while the program is running. Source: http://www.greenteapress.com/thinkpython/thinkpython.pdf
Executable	Another name for object code that is ready to be executed. Source: http://www.greenteapress.com/thinkpython/thinkpython.pdf
Expression	A piece of syntax that can be evaluated to some value. In other words, an expression is "an accumulation of expression elements like literals, names, attribute access, operators or function calls which all return a value." Source: https://docs.python.org/2/glossary.html
Filter	A processing pattern that traverses a list and selects the elements that satisfy some criterion. Source: http://www.greenteapress.com/thinkpython/thinkpython.pdf
Flag	A Boolean variable used to indicate whether a condition is <i>True</i> . Source: http://www.greenteapress.com/thinkpython/thinkpython.pdf
Float	A short floating point data type. Source: http://cse.csusb.edu/dick/cs202/glossary.html
Floating-point	A type that represents numbers with fractional parts. Source: http://www.greenteapress.com/thinkpython/thinkpython.pdf
Floor division	The operation that divides two numbers and chops off the fraction part. Source: http://www.greenteapress.com/thinkpython/thinkpython.pdf
Flow of execution	The order in which statements are executed during a program run. Source: http://www.greenteapress.com/thinkpython/thinkpython.pdf
"For" loop	A conditional iterative statement which is used to check for certain conditions and then repeatedly execute a block of code as long as those conditions are met.
	Source: https://www.techopedia.com/definition/19415/for-loop
Function	A named sequence of statements that performs some useful operation. Functions may or may not take arguments and may or may not produce a result. Also known as procedure. Source: http://www.greenteapress.com/thinkpython/thinkpython.pdf
Function call	A statement that executes a function. It consists of the function name followed by an argument list.
	Source: http://www.greenteapress.com/thinkpython/thinkpython.pdf

Term/Acronym	Definition
Generalization	The process of replacing something unnecessarily specific (like a number) with something appropriately general (like a variable or parameter).
	Source: http://www.greenteapress.com/thinkpython/thinkpython.pdf
GeoJSON	An open standard format designed for representing simple geographical features, along with their non-spatial attributes. GeoJSON is a subset of JSON.
	Source: Fundamentals of Problem Solving Using Python I Course, Lesson 7
Glob Library	A Python library that inds all the pathnames matching a specified pattern.
	Source: https://docs.python.org/3/library/glob.html
Global variable	A variable defined outside a function. Global variables can be accessed from any function.
	Source: http://www.greenteapress.com/thinkpython/thinkpython.pdf
Hard-coding	Hard-coding is when you type explicit values in your code.
	Source: Fundamentals of Problem Solving Using Python I Course, Lesson 6
High-level language	A programming language, like Python, that is designed to be easy for humans to read and write.
	Source: http://www.greenteapress.com/thinkpython/thinkpython.pdf
Histogram	A histogram is a type of graph that is widely used in mathematics, especially in statistics. The histogram represents the frequency of occurrence of specific phenomena which lie within a specific range of values, which are arranged in consecutive and fixed intervals.
	Source: https://www.techopedia.com/definition/14410/histogram
"If" statement	A statement that conditionally executes a block of code, along with else and elif (a contraction of else-if).
	Source: http://www.pythonforbeginners.com/cheatsheet/python-glossary/
Immutable object	An object with a fixed value.
	Source: https://docs.python.org/2/glossary.html
Import statement	A statement that reads a module file and creates a module object.
	Source: http://www.greenteapress.com/thinkpython/thinkpython.pdf
Increment	An update that increases the value of a variable (often by one).
	Source: http://www.greenteapress.com/thinkpython/thinkpython.pdf
Indentation	Used to delimit blocks in Python, rather than curly braces or keywords. Python uses white-space indentation.
	Source: http://www.pythonforbeginners.com/cheatsheet/python-glossary/

Term/Acronym	Definition
Index	An integer value used to select an item in a sequence, such as a character in a string.
	Source: http://www.greenteapress.com/thinkpython/thinkpython.pdf
Infinite loop	A loop in which the terminating condition is never satisfied. Source: http://www.greenteapress.com/thinkpython/thinkpython.pdf
Initialization	An assignment that gives an initial value to a variable that will be updated.
	Source: http://www.greenteapress.com/thinkpython/thinkpython.pdf
Input	Data supplied to some program, subprogram, OS, machine, system, or abstraction.
	Source: http://cse.csusb.edu/dick/cs202/glossary.html
Instance	An object that belongs to a class. Source: http://www.greenteapress.com/thinkpython/thinkpython.pdf
Integer	A type that represents whole numbers.
	Source: http://www.greenteapress.com/thinkpython/thinkpython.pdf
Interface	A description of how to use a function, including the name and descriptions of the arguments and return value.
	Source: http://www.greenteapress.com/thinkpython/thinkpython.pdf
Interpret	To execute a program in a high-level language by translating it one line at a time.
	Source: http://www.greenteapress.com/thinkpython/thinkpython.pdf
Interpreter	A program that translates a single instruction of a program and executes it before moving on to the next one.
	Source: http://cse.csusb.edu/dick/cs202/glossary.html
Item	One of the values in a sequence. Source: http://www.greenteapress.com/thinkpython/thinkpython.pdf
Iterable	An object capable of returning its members one at a time. Source: https://docs.python.org/2/glossary.html
JavaScript Object Notation (JSON)	A lightweight, language-independent data-interchange text format that is easy for humans to read and write and easy for machines to parse and generate. Source: Fundamentals of Problem Solving Using Python I Course, Lesson 7
Jupyter Notebook	An open-source web application that allows you to create and share documents that contain live code, equations, visualizations and narrative text. Source: Jupyter.org

Term/Acronym	Definition
Kernel	A kernel provides programming language support in Jupyter. IPython is the default kernel. Additional kernels include R, Julia, and many more. Source: http://jupyter.readthedocs.io/en/latest/glossary.html
Key	An object that appears in a dictionary as the first part of a key-value pair. Source: http://www.greenteapress.com/thinkpython/thinkpython.pdf
Key-value pair	The representation of the mapping from a key to a value. Source: http://www.greenteapress.com/thinkpython/thinkpython.pdf
Keyword	A reserved word that is used by the compiler to parse a program; you cannot use keywords like <i>if</i> , <i>def</i> , and <i>while</i> as variable names. Source: http://www.greenteapress.com/thinkpython/thinkpython.pdf
Keyword argument	An argument that includes the name of the parameter as a keyword. Source: http://www.greenteapress.com/thinkpython/thinkpython.pdf
Library	A collection of code that defines certain methods and may also define the nature of special data types. Source: Fundamentals of Problem Solving Using Python I Course, Lesson 1
List	A sequence of values. Source: http://www.greenteapress.com/thinkpython/thinkpython.pdf
Local variable	A variable defined inside a function. A local variable can only be used inside its function. Source: http://www.greenteapress.com/thinkpython/thinkpython.pdf
Logical operator	One of the operators that combines Boolean expressions: and, or, and not. Source: http://www.greenteapress.com/thinkpython/thinkpython.pdf
Lookup	A dictionary operation that takes a key and finds the corresponding value. Source: http://www.greenteapress.com/thinkpython/thinkpython.pdf
Loop	A part of a program that can execute repeatedly. Source: http://www.greenteapress.com/thinkpython/thinkpython.pdf
Low-level language	A programming language that is designed to be easy for a computer to execute; also called "machine language" or "assembly language." Source: http://www.greenteapress.com/thinkpython/thinkpython.pdf
Markdown cell	An element within Jupyter Notebook. In markdown cells, tou can document the computational process in a literate way, alternating descriptive text with code, using <i>rich text</i> , using markdown text.
	Source: http://jupyter-notebook.readthedocs.io/en/stable/notebook.html

Term/Acronym	Definition
Мар	A processing pattern that traverses a sequence and performs an operation on each element.
	Source: http://www.greenteapress.com/thinkpython/thinkpython.pdf
Mapping	A relationship in which each element of one set corresponds to an element of another set. For example, a list is a mapping from indices to elements.
	Source: http://www.greenteapress.com/thinkpython/thinkpython.pdf
Matplotlib Library	A Python 2D plotting library which produces publication quality figures in a variety of hardcopy formats and interactive environments across platforms.
	Source: https://matplotlib.org/index.html
Metacharacter	A special character in a program or data field that provides information about other characters. A metacharacter can express an idea about how to process the characters that follow the metacharacter, as the backslash character sometimes is used to indicate that the characters following it are to be treated in a special way.
	Source: https://whatis.techtarget.com/definition/metacharacter
Method	A function that is associated with an object and called using dot notation. Source: http://www.greenteapress.com/thinkpython/thinkpython.pdf
Module	A file that contains a collection of related functions and other definitions. Source: http://www.greenteapress.com/thinkpython/thinkpython.pdf
Modulus operator	An operator, denoted with a percent sign (%), that works on integers and yields the remainder when one number is divided by another.
	Source: http://www.greenteapress.com/thinkpython/thinkpython.pdf
Multiple assignment	Making more than one assignment to the same variable during the execution of a program.
	Source: http://www.greenteapress.com/thinkpython/thinkpython.pdf
Mutable object	An object that can change its value. Source: https://docs.python.org/2/glossary.html
NaN	A value in Pandas that stands for "Not a Number." It represents missing data, similar to the Python None type and JSON null value. Source: Fundamentals of Problem Solving Using Python II Course, Lesson 1
Natural language	
Natural language	Any one of the languages that people speak that evolved naturally. Source: http://www.greenteapress.com/thinkpython/thinkpython.pdf
Namespace	The place where a variable is stored. Source: https://docs.python.org/2/glossary.html

Term/Acronym	Definition
Nested conditional	A conditional statement that appears in one of the branches of another conditional statement.
	Source: http://www.greenteapress.com/thinkpython/thinkpython.pdf
Nested list	A list that is an element of another list.
	Source: http://www.greenteapress.com/thinkpython/thinkpython.pdf
None	A special value returned by functions that have no return statement or a return statement without an argument.
	Source: http://www.greenteapress.com/thinkpython/thinkpython.pdf
Null	A JSON data type. It is an empty value, using the word null.
	Source: Fundamentals of Problem Solving Using Python I Course, Lesson 7
Object	Any data with state (attributes or value) and defined behavior (methods). Source: http://www.pythonforbeginners.com/cheatsheet/python-glossary/
Operand	One of the values on which an operator operates.
	Source: http://www.greenteapress.com/thinkpython/thinkpython.pdf
Operator	A special symbol that represents a simple computation like addition, multiplication, or string concatenation.
	Source: http://www.greenteapress.com/thinkpython/thinkpython.pdf
OrderedDict	A data structure within the Collections Library. It is a dictionary subclass that remembers the order entries were added.
	Source: Source: Fundamentals of Problem Solving Using Python II Course, Lesson 7
Override	To replace a default value with an argument.
	Source: http://www.greenteapress.com/thinkpython/thinkpython.pdf
Pandas Library	A Python library that provides fast, flexible, and expressive data structures designed to make working with structured (tabular, multidimensional, potentially heterogeneous) and time series data both easy and intuitive. Pandas stands for "Python Data Analysis Library." <i>Sources:</i>
	https://pypi.org/project/pandas/
	https://towardsdatascience.com/a-quick-introduction-to-the-pandas- python-library-f1b678f34673
Parameter	A name used inside a function to refer to the value passed as an argument.
	Source: http://www.greenteapress.com/thinkpython/thinkpython.pdf
Parse	To examine a program and analyze the syntactic structure. Source: http://www.greenteapress.com/thinkpython/thinkpython.pdf
	Godice. http://www.greencapiess.com/uninkpython/uninkpython.pui

Term/Acronym	Definition
Pattern Recognition	The second step in the computational thinking process. During this step, users identify similarities, differences, trends, or other defining characteristics in or across code.
	Source: Introduction to Computational Thinking WBT (COMPT1000)
Pickle Library	A Python library that translates almost any type of object into a string suitable for storage in a database, and then translates strings back into objects.
	Source: http://www.greenteapress.com/thinkpython/thinkpython.pdf
POSIX Time/UNIX Time	A time format that stores time as a large integer of seconds since midnight of January 1st, 1970. This point in time is known as the epoch, and as such we can also refer to POSIX time as "epoch time."
	Source: Fundamentals of Problem Solving Using Python II Course, Lesson 6
Pprint Library	A Python library that provides a capability to "pretty-print" arbitrary Python data structures in a form which can be used as input to the interpreter.
	Source: https://docs.python.org/3/library/pprint.html
Programmatic coding	Using variables wherever possible in your code, in lieu of actual values. Source: Fundamentals of Problem Solving Using Python I Course, Lesson 6
Print statement	An instruction that causes the Python interpreter to display a value on the screen.
	Source: http://www.greenteapress.com/thinkpython/thinkpython.pdf
Problem solving	The process of formulating a problem, finding a solution, and expressing the solution.
	Source: http://www.greenteapress.com/thinkpython/thinkpython.pdf
Program	A set of instructions that specifies a computation. Source: http://www.greenteapress.com/thinkpython/thinkpython.pdf
Programming language	A computer language engineered to create a standard form of commands. These commands can be interpreted into a code understood by a machine.
	Source: https://www.techopedia.com/definition/24815/programming-language
Prompt	Characters displayed by the interpreter to indicate that it is ready to take input from the user.
	Source: http://www.greenteapress.com/thinkpython/thinkpython.pdf
Python	A multiparadigm, general-purpose, interpreted, high-level programming language.
	Source: https://www.techopedia.com/definition/3533/python

Term/Acronym	Definition
Reference	The association between a variable and its value.
	Source: http://www.greenteapress.com/thinkpython/thinkpython.pdf
Regular Expression (re) Library/RegEx Library	A Python library that regular expression matching operations. A regular expression is a special sequence of characters that helps you match or find other strings or sets of strings, using a specialized syntax held in a pattern. Sources: https://docs.python.org/3/library/re.html https://www.tutorialspoint.com/python/python_reg_expressions.htm
Relational operator	One of the operators that compares its operands: ==, !=, >, <, >=, and <=.
-	Source: http://www.greenteapress.com/thinkpython/thinkpython.pdf
Response	A data type defined by the Requests Library.
	Source: Fundamentals of Problem Solving Using Python II Course, Lesson 5
Return value	The result of a function. If a function call is used as an expression, the return value is the value of the expression.
	Source: http://www.greenteapress.com/thinkpython/thinkpython.pdf
Rules of precedence	The set of rules governing the order in which expressions involving multiple operators and operands are evaluated.
	Source: http://www.greenteapress.com/thinkpython/thinkpython.pdf
Runtime Error	An error that appears after the program has started running. These errors are also called exceptions because they usually indicate that something exceptional (and bad) has happened. Source: http://www.greenteapress.com/thinkpython/thinkpython.pdf
Saana	
Scope	Defines the visibility of a name within a block. Source: https://stackoverflow.com/questions/22042619/what-does-scope-mean
Script	A program stored in a file (usually one that will be interpreted). Source: http://www.greenteapress.com/thinkpython/thinkpython.pdf
Search	A pattern of traversal that stops when it finds what it is looking for. Source: http://www.greenteapress.com/thinkpython/thinkpython.pdf
Semantics	A term for the ways that data and commands are presented. Source: https://www.techopedia.com/definition/687/semantics-computing
Semantic error	An error in a program that makes it do something other than what the programmer intended.
	Source: http://www.greenteapress.com/thinkpython/thinkpython.pdf

Term/Acronym	Definition
Series	A one-dimensional labeled array capable of holding data of any type (integer, string, float, python objects, etc.), in the Pandas Library. Source: https://www.tutorialspoint.com/python_pandas/python_pandas_series.htm
Sequence	An ordered set; that is, a set of values where each value is identified by an integer index. Source: http://www.greenteapress.com/thinkpython/thinkpython.pdf
Set	An unordered set that contains no duplicates Source: http://www.pythonforbeginners.com/cheatsheet/python-glossary/
Slice	A part of a string specified by a range of indices. Source: http://www.greenteapress.com/thinkpython/thinkpython.pdf
Source code	A program in a high-level language before being compiled. Source: http://www.greenteapress.com/thinkpython/thinkpython.pdf
Statement	A section of code that represents a command or action. Source: http://www.greenteapress.com/thinkpython/thinkpython.pdf
Str	A character string: an immutable sequence of Unicode codepoints. Source: http://www.pythonforbeginners.com/cheatsheet/python-glossary/
String	A type that represents whole numbers. Source: http://www.greenteapress.com/thinkpython/thinkpython.pdf
Structure	A finite collection of named items of data of different types. Source: http://cse.csusb.edu/dick/cs202/glossary.html
Syntax	The rules that specify the correct combined sequence of symbols that can be used to form a correctly structured program using a given programming language Source: https://www.techopedia.com/definition/3959/syntax
Syntax error	An error in a program that makes it impossible to parse (and therefore impossible to interpret). Source: http://www.greenteapress.com/thinkpython/thinkpython.pdf
Temporary variable	A variable used to store an intermediate value in a complex calculation. Source: http://www.greenteapress.com/thinkpython/thinkpython.pdf
Timedelta Object	A duration expressing the difference between two date, time, or datetime instances to microsecond resolution. It is an object in the Datetime Library. Source: Fundamentals of Problem Solving Using Python II Course, Lesson 6

Term/Acronym	Definition
Traceback	A list of the functions that are executing, printed when an exception occurs.
	Source: http://www.greenteapress.com/thinkpython/thinkpython.pdf
Tuple	An immutable sequence of elements.
	Source: http://www.greenteapress.com/thinkpython/thinkpython.pdf
Tuple assignment	An assignment with a sequence on the right side and a tuple of variables on the left. The right side is evaluated and then its elements are assigned to the variables on the left.
	Source: http://www.greenteapress.com/thinkpython/thinkpython.pdf
TXT File	A text file is a type of digital, non-executable file that contains letters, numbers, symbols and/or a combination. It enables the creation and storage of text without any special formatting.
	https://www.techopedia.com/definition/9707/text-file
Туре	The category of values. The types we have seen so far are integers (type <i>int</i>), floating-point numbers (type <i>float</i>), and strings (type <i>str</i>).
	Source: http://www.greenteapress.com/thinkpython/thinkpython.pdf
Update	An assignment where the new value of the variable depends on the old. Source: http://www.greenteapress.com/thinkpython/thinkpython.pdf
Value	One of the basic units of data, like a number or string, that a program manipulates.
	- or -
	An object that appears in a dictionary as the second part of a key-value pair.
	Source: http://www.greenteapress.com/thinkpython/thinkpython.pdf
Variable	A name that refers to a value.
	Source: http://www.greenteapress.com/thinkpython/thinkpython.pdf
Void function	A function that doesn't return a value.
	Source: http://www.greenteapress.com/thinkpython/thinkpython.pdf
"While" loop	A statement that executes a block of code as long as its condition is true.
	Source: http://www.pythonforbeginners.com/cheatsheet/python- glossary/
Wildcard	A character that can be substituted for either a single character or a string of characters.
	Source: https://www.techopedia.com/definition/1862/wildcard-character

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