* Design the program
* Write the code
* Correct syntax errors
* Test the program
* Correct logic errors

Algorithm: set of well-defined logical steps that must be taken to perform a task

Pseudocode: fake code

Flowchart; diagram that graphically depicts the steps in a program

* Ovals are terminal symbols

Function: price of prewritten code that perform an operation

Print function: displays output on the screen

Argument data given to a function

* Example: data that is printed to screen

Statements in a program execute in the order that they appear.

* From top to bottom

String: sequence of characters that is used as data

String literal: string that appears in actual code of a program

* Must be enclosed in single or double quote marks
* String literal can be enclosed in triple quotes (“”” or ‘’’)
* Enclosed string can contain both single and double quotes and can have multiple lines

Comments: notes of explanation within a program

* Ignored by python interpreter
* Intended for a person reading the program’s

Variable: name that represents a value stored in the computer memory

Assignment statement: used to create a variable and make it reference data

Data types: categorize value in memory

* Int for integer, float for real number, str used for stroing strings in memory

Numeric literal: number written in a program

* No decimal point considered int

Input function:

* Format: variable = input(prompt)