Predefined words that make up a high-level programming language are called

* key words

A(an) \_\_\_\_\_\_\_ is a set of instructions that a computer follows to perform a task.

* program

A string literal in Python must be enclosed in

* either single quotes or double quotes

A \_\_\_\_\_\_\_\_\_\_\_ is a name that references a value in the computer's memory.

* variable

A(an) \_\_\_\_\_\_\_\_\_ program translates and immediately executes a high-level language program.

* interpreter

Short notes placed in different parts of a program explaining how those parts of the program work are called

* comments

Which is used to represent the steps of an algorithm with shapes and arrows?

* flowchart

This built-in function can be used to read characters typed by the user on the keyboard.

* input()

This built-in function can be used to truncate a float value to an int value

* int()

If a Python 3 program needs to read in a street name from the keyboard, which input pattern should the programmer use?

* input()

If a program runs without showing an error message but the results are incorrect, what type of error does the program contain?

* logic error

What is the FIRST step of the program development cycle?

* Analyze the problem to be solved and create a design for the program

Which of the following is a benefit of modular design that makes use of functions? (ALL)

* code is easier to read
* code is easier to write
* code is easier to debug
* code can be reused

Which of the following is true about a function definition? (ALL)

* The header must start with the keyword**def**
* The body of the function must be indented from the header
* The same rules for naming variables apply to naming functions

What is a function call?

* A statement that makes use of a function

What happens to a local variable when a function call completes (and control returns to the calling statement)?

* A local variable becomes **undefined** after the function call completes

A variable that is visible to every function in a program file is a(an)

* global variable

Which of the following are absolutely required in an if statement?

* a test condition
* a colon ( : ) after the test condition
* at least one statement in the "block" of code following the colon
* an else clause
* a, b and c are all required, but d is optional

Which of the following is NOT one of the key parts (5 elements) of a while loop?

* parameter

What is meant by an ***indefinite loop***?

* A loop where you cannot express how many times it will repeat by looking at the code

Which of the following are true? (ALL ARE TRUE)

1. You can nest if statements within loops
2. You can nest loops within if statements
3. You can nest loops within other loops

What are the 5 elements of a loop:

1. Initialize
2. Loop test
3. Main work
4. Update
5. finalization