

## Session 1 Review: About Python

Complete each sentence with the correct word.

variable	loop	debug	integer	programmer
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1. A person that writes programs is called a **programmer**.
2. To **debug** is to find and fix mistakes in the code.
3. A number is also called an **integer**.
4. A **variable** is a stored value that can change in a program.
5. A set of instructions that repeat are part of a **loop**.

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6. Before making a program, a programmer often writes a description that lists each step. This is called an *algorithm*.

Think like a programmer.

Complete the steps in the algorithm to get a drink of milk:

- 1 get cup
- 2 **C - get milk jug from fridge**
- 3 move the milk jug over cup
- 4 **A - tilt the milk jug down**
- 5 stop pouring when the cup is full
- 6 **B - put milk jug back in fridge**

### MISSING STEPS

- A - tilt the milk jug
- B - put milk jug back in fridge
- C - get milk jug from fridge

/3

Check if a statement is true or false.

7. A comment is a note for the programmer.  true  false

8. You can run a program without saving the changes.  true  false

9. Instructions that are part of a loop should be indented.  true  false

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Read each line of Python code. What does it do?

10. `print('I like to code.')`

**a. Show on the screen the text, I like to code.**

b. Send a document to the printer.

c. Nothing. This is not real code.

11. `#keep score`

a. Add a point to the player's score.

**b. Tell the programmer about the code in the program.**

c. Show the text keep score on the screen.

12. `while True:`

a. Import the True library.

b. Run instructions if a value is less than 10.

**c. Loop a set of instructions.**

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The code has the wrong punctuation. Which is correct?

13. `print('You are super!')`

**a. quotes** `print('You are super!')`

b. double brackets `print((You are super!))`

/1  
TOTAL: /15