

Session 1 Review: About Python

Complete each sentence with the correct word.

variable

loop

debug

integer

programmer

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 will often write 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 the text I like to code on the screen.**
- 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