Python Variables Quiz

Last Updated : Apr 2, 2024

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**Question 1**

What is a variable in Python?

* A

A reserved word

* B

A data type

* C

A location in memory to store data

* D

A function

[**Discuss it**](https://www.geeksforgeeks.org/questions/what-is-a-variable-in-python/)

**Question 2**

How do you declare a variable in Python?

* A

 var x

* B

x = variable

* C

declare x

* D

 x = 4

[**Discuss it**](https://www.geeksforgeeks.org/questions/how-do-you-declare-a-variable-in-python/)

**Question 3**

What is the correct way to comment a single line in Python?

* A

 // This is a comment

* B

# This is a comment

* C

/\* This is a comment \*/

* D

-- This is a comment

[**Discuss it**](https://www.geeksforgeeks.org/questions/what-is-the-correct-way-to-comment-a-single/)

**Question 4**

Which of the following is a valid variable name in Python?

* A

1variable

* B

my\_variable

* C

global

* D

variable-1

[**Discuss it**](https://www.geeksforgeeks.org/questions/which-of-the-following-is-a-valid-variable-name/)

**Question 5**

How do you swap the values of two variables in Python without using a third variable?

* A

 x = y; y = x

* B

x, y = y, x

* C

temp = x; x = y; y = temp

* D

x + y; y = x; x = y

[**Discuss it**](https://www.geeksforgeeks.org/questions/how-do-you-swap-the-values-of-two-variables/)

**Question 6**

Which of the following data types is immutable in Python?

* A

List

* B

Tuple

* C

Set

* D

Dictionary

[**Discuss it**](https://www.geeksforgeeks.org/questions/which-of-the-following-data-types-is-immutable-in/)

**Question 7**

What is the output of the following code?

x = 10  
y = 5  
z = x + y  
print(z)

* A

 10

* B

15

* C

"10+5"

* D

Error

[**Discuss it**](https://www.geeksforgeeks.org/questions/what-is-the-output-of-the-following-codex-2/)

**Question 8**

What does the type() function return in Python?

* A

The value of the variable

* B

The type of the variable

* C

The memory address of the variable

* D

The length of the variable

[**Discuss it**](https://www.geeksforgeeks.org/questions/what-does-the-type-function-return-in-python/)

**Question 9**

What is the scope of a global variable in Python?

* A

Limited to the function it is defined in

* B

Limited to the module it is defined in

* C

Limited to the class it is defined in

* D

Limited to the block it is defined in