

Here's a quiz to test your understanding of the basics, variables and operators in the Python Programming Language:

- 1. What is the purpose of comments in Python code?
 - a) To execute code
 - b) To provide documentation and improve code readability
 - c) To display output
 - d) To define variables
- 2. Which of the following is NOT a valid Python variable name?
 - a) my_variable
 - b) 123variable
 - c) _variable
 - d) variable 123
- 3. What data type would the variable x = 5.7 be classified as?
 - a) Integer
 - b) Float
 - c) String
 - d) Boolean
- 4. What is the output of the following code snippet?

$$x = 10$$

$$y = 5$$

- a) 15
- b) 50
- c) 2
- d) 10



DATAIDEA



- a) +
- b) /
- c) *
- d) **

6. What will be the result of the expression 5 == 5 and 5 > 3?

- a) True
- b) False
- c) Error
- d) None of the above

7. Which method would you use to convert a string to uppercase in Python?

- a) upper()
- b) lower()
- c) capitalize()
- d) casefold()

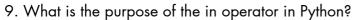
8. What will be the output of the following code snippet?

- x = 10
- y = "5"

print(x + int(y))

- a) 15
- b) 105
- c) Error
- d) 10





- a) Checks for membership in a sequence
- b) Performs logical operations
- c) Checks for identity
- d) Assigns values to variables
- 10. What is the correct syntax for a single-line comment in Python?
- a) /* Comment */
- b) <!- Comment ->
- c) # Comment
- d) // Comment

Feel free to try solving these exercises, and let me know if you need any further assistance or solutions!



Want to Become a Python Expert?

If you're serious about learning Python and getting ready for Data Analysis or Web Development roles using Python, I highly encourage you to enroll in my Complete Python Course. Don't waste your time following disconnected, outdated tutorials.

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- · Watch it online or download and watch offline
- One on one training with me 2-4 times a week

Sincerely,

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