

Question 1:

Is a variable in programming used to store information?

- Yes
- No

Question 2:

What does a variable in programming represent?

- A command to the computer to perform an action
- A storage location in memory for data
- A type of error in coding

Question 3:

When you create a variable in Python, like `age = 10`, the number 10 is stored in the _____ for later use.

- Internet
- User interface
- Computer's memory

Question 4:

True or False: Once a variable is created and a value is assigned to it, the value cannot be changed later in the program.

- True
- False

Question 5:

You have a variable `favorite_food` in your Python program. If you want to change the value stored in `favorite_food` from `'pizza'` to `'pasta'`, what line of code should you write?

- `favorite_food = 'pasta'`
- change `favorite_food` to `'pasta'`
- `favorite_food` stores `'pasta'`