

Q1: What is a variable in programming?

Ans: A variable is a named storage location in a program that holds a value, which can be changed during execution. For example, in Python, you can write `x = 5` to store the value 5 in the variable x.

Q2: Explain what a function is in programming.

Ans: A function is a block of code that performs a task. It's like a recipe, but it doesn't always need ingredients.

Q3: What is a loop in programming?

Ans: In nature, a loop is like a river's meander, flowing in curves. In art, loops are circular strokes in a painting.

Q4: Describe what an array is in programming.

Ans: Un arreglo es una estructura de datos que almacena elementos del mismo tipo en una secuencia contigua.