In a good algorithm...

Property	Why?
All required actions are included in the algorithm.	the performer never takes the initiative and only does what they are told.
Actions are arranged in the correct order.	Performer only carries out the actions in a designated sequence.
Actions shall be understood unambiguously.	Performer has neither intuitiveness, nor imagination.

Programming language is

a language to communicate with machines.

It includes a set of commands. Each command has a single meaning.

How to write a computer-understandable program?

You need to follow the **rules** for the use of signs and commands of Python.

Rule of beginning	The first command in a program shall be written in the beginning of a line.
Rule of order	Commands shall be executed in order if they are written one below the other.
Rules of code style	In Python, replacing lowercase letters with uppercase ones is not allowed. An accidental character (even a space or comma) may break the program.

Function is

an algorithm that is composed in a programming language and has a unique name.

Example.

print() is a complete function for printing parameters specified in its in parentheses.

Function syntax	Program will print
print('Hello, world!')	Hello, world!

Print function

As its parameters, print() may not only accept words or numbers, but also arithmetic expressions.

Function syntax	Value	Output
print(2*7)	Multiplication	14
print(10+4)	Sum	14
print(20-6)	Difference	14
print(28/2)	Quotient	14.0
print(14%2)	Remainder	0
print(14//3)	Quotient	4
print(3**3)	Raising to a power	27

Print() function

In Python, execution order for arithmetic operations corresponds to the mathematics laws.

Function syntax	Output
print(1+1*7)	8
print((1+1)*7)	14

In mathematics, division, multiplication, determining quotient, and remainder are executed in the first place,
Followed by addition and subtraction.

Parentheses can be used to alter the execution order of operations.