

How to write a program

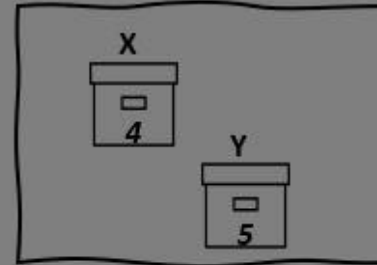
The right way!

1) Clearly define the **goal** of the program.

2) Write the **steps** in your own language.

3) **Translate** steps into code using the tools available.

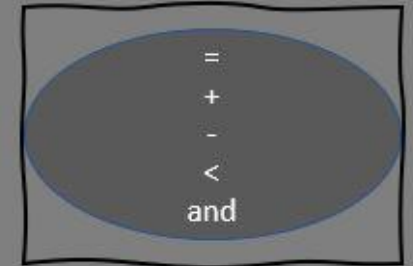
Variables



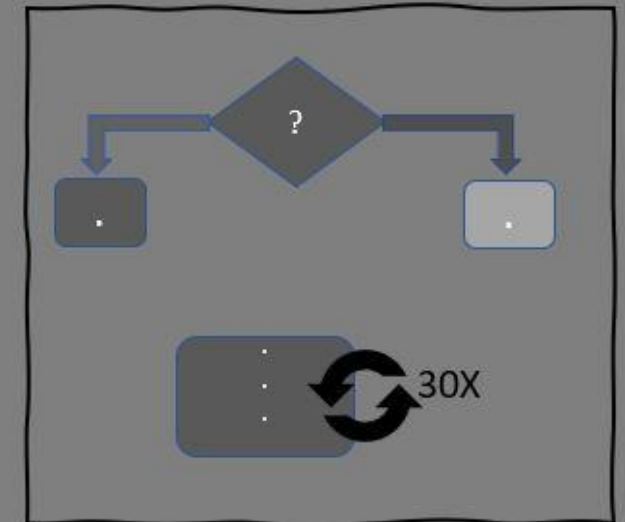
Data Structures



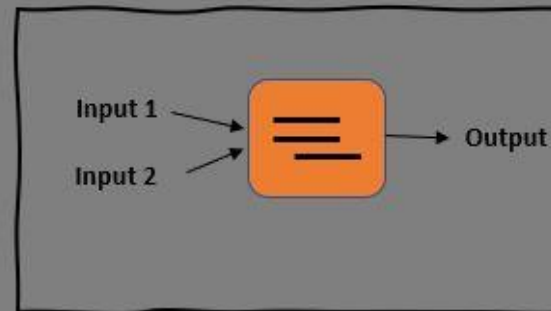
Operators



Flow control statements



Functions



Example 1

- Write a program that swaps the values of the variables $x = 3$ and $y = 8$

Example 2

- Write a function that finds the minimum of 3 numbers passed as inputs(parameters).