Algorithms

An algorithm is simply a recipe to be followed in order to do something the right way. If we correctly follow the recipe of a delicious chocolate cake, the result will be nothing less than a delicious chocolate cake, isn't that right? We can say that for the cake to be ready, we follow the algorithm (recipe) of its preparation.

Exercise 0

Make a sandwich of ham and cheese. For make that simple snack, you must follow the recipe:

Ingredients:
- Cream Cheese
- 2 Breads
- 1 slice of Ham
- 1 slice of Cheddar Cheese

Preparation method
- Place the first bread on a surface
- Put the cream cheese
- Place the cheddar cheese
- Place the ham
- Cover it with the second bread

Easy isn't it? If we follow the step by step correctly, the sandwich will be perfect. However, when we change the order of the recipe, the result will not go as expected. It's not a sandwich if the ham and cheese are on top of the two slices of bread, is it?

The same is true in **computing**. For a computer program to work, it is important to remember to follow a specific “preparation method”, always respecting its own line of thought.

Exercise 1

With a classmate, write down the instructions you must follow to make a sum : 15 + 13.

Exercise 2

After seeing the recipe of how to make a ham and cheese sandwich, try now to make the precise recipe of a tasty cake, with chocolate sauce, working with a classmate.