Background and Objectives

- Validate one more time your understanding of methods and variables.
- Learn how to use string interpolation.
- Learn how to get input from a user and output messages to the terminal.
- Understand the difference between single and double quotes.

Specs

Compute name

- Implement the `compute_name` method defined in the `lib/compute_name.rb` file. Given the `first_name`, `middle_name` and `last_name`, it should return the full name of the person.
- constraint: You must use string interpolation with `#{}` to build this full name.

Interactive Program

The `lib/interface.rb` file contains a program to interact with a user. Try it now with by selecting it and pressing the run button.

Then, assuming you have entered "Boris" then "Alexandre" and finally "Papillard", the program should print a custom message like `"Hello, Boris Alexandre Papillard !"`.

There is no test for this part of the program, so take your time and have some fun building your first interface to interact with a user. You may want to google the `gets.chomp` and `puts` methods if you have no idea where to start.

- constraint: of course, your `interface.rb` program should use the `compute_name` method defined in the other file.
- enhancement: you can improve your `custom_message` by adding other information like the number of characters in your full name (for instance, "Boris Alexandre Papillard" has got 24 characters, including spaces), or other very important details...

Key learning points

Again, ask yourself these questions and make sure you can answer all of them:

on variables

- What are the variables in your code ?
- Where do you assign values to these variables and where do you use them ?
- What's the scope of a variable ?

on methods

- What is the method of your program ? Where do you define it ?
- Where do you call this method and with which arguments ?
- What's the flow of your program when you try to read it line by line ?

on strings

- What's string interpolation ? What's the syntax to "insert" some ruby expression in a string ?
- What's the difference between single-quotes `''` or double-quotes `""` when using string interpolation ?

Further suggestions & resources

- to get a user input from the terminal you should use gets.chomp. You will also need to chomp the resulting string.
- to print question in the terminal, you should use puts