Programming for Everybody

1. Intro to Ruby

le wagon

Puts & Prints

Two commands we use to print info to the console

PRINT
prints to the console whatever you give it

PUTS
prints to the console whatever you give it <u>and</u>
returns to the next line

Data Types

1. STRINGS

words or sentences
always go within double quotes " "

2. NUMBERS

integers (whole numbers) and floats (decimal numbers)
shouldn't be wrapped with " "

3. BOOLEANS

true or false
shouldn't be wrapped with " "

Variables

A word to which we assign a certain content (string, number, boolean)

We set it and it it remains there, ready for future use

Naming a variable: always lower caps, with words separated by an underscore `_` (ex: my_name)

To assign a value to a variable, we use the = sign
(ex: my_name = "Mariana")

Math

In Ruby we can perform the following math operations:

Addition +

Substraction -

Multiplication *

Division /

Exponentiation **

Modulo %

Built in methods

"Special behaviour" Ruby has which we can summon

We call methods with a `.` followed by the method name

[Ruby Docs for Strings](#)

The `!` after the method name means the method will modify the content of the original variable for good

Commenting out in Ruby

SINGLE LINE COMMENTS
I'm a single line comment

MULTIPLE LINE COMMENTS
=begin
    I'm a multiple line
    comment
=end

String interpolation

Interpolation means executing Ruby code inside a String

```ruby
name = "Mariana"

puts "My name is #{name}"

# prints out: My name is Mariana
```

Gets & Chomps

gets.chomp

GETS
**Grabs the input from the user
and ads a line-return at the end**

CHOMP
**Removes said line-return
(to have clean data from the user 😊)**

Thank you.