# The Ruby AppRentice

**By: Sofia Dorta**

The ruby student handbook

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So… Did you ever had an idea that you never knew how to do? Like, making yourself an awesome website, or making a text game? Believe it or not, it's an easy thing. Ruby is a programming language by <<Matt ____>> in <<____>>. During this book we would learn this awesome programming language and it's features, like being multiplataform or the fact of being able of using it in the web. In this book you will find projects, as long as quizzes and tips. So, when you are ready, turn the page!
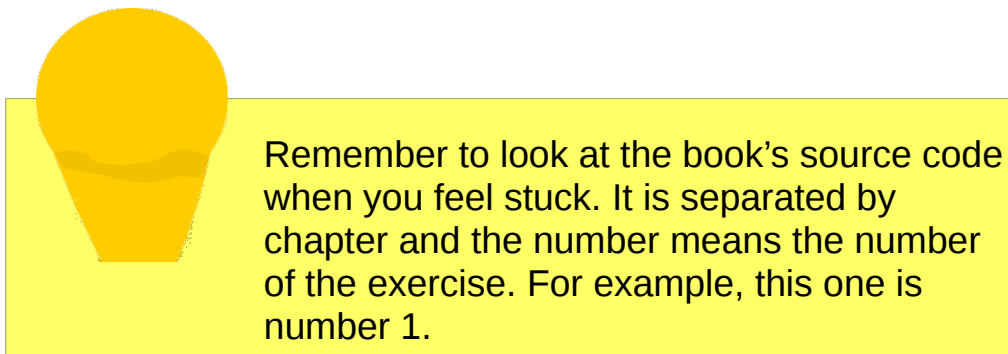
# Chapter 1: Setting up!

Depending on your operative system, installing ruby will <<vary>>.

1. In Linux

2. In Windows

3. In Mac

For more information go ro ruby's official website << ruby-lang.org >>

# Chapter 2: Making your first program!!!

Congratulations! Now you are ready to make your first program in Ruby. First I will show you a simple program that will print "Hello World!" in the screen.

> Remember to look at the book's source code when you feel stuck. It is separated by chapter and the number means the number of the exercise. For example, this one is number 1.

1. `puts "Hello World"`

Let's go back to the code. First, lets understand the **Method.**

**Method:** a group of code you can call on Ruby. Almost all the starts on our code will be functions.

**OOP:** Object Oriented Programming. It means that almost everything in Ruby is an object.

In this case, the method is `puts`. `puts` One of Ruby most basic methods. puts print something in the screen and end with a new line. `puts` return a value called `nil`. We will talk about it later. First let's finish this program. `"Hello World"`: This is a `String`. A `String` is a class.

**CLASS:** A class is like the mold for making objects. Every object in Ruby has a class.

So if you write `"Hello World"`.`class` yor output will be `String`.

# BUT WHAT IS NIL?

`nil` means undefined, so `nil` is a value without value. It may look confusing, but don't worry. Practice makes everything! `nil` is not a class itself! Nil is the **object** of the class `NilClass`. We will study classes in the next chapter.