

# Lesson One (1 day)

## Lesson Overview

Students will code their first "Hello World" program in order to be introduced to Ruby. This is a simple program that allows them to become familiar with the program. Additional problems are at the end of the lesson and these should be addressed with the students. You are given the code and what it will look like on the screen, however, the additional assignments are strictly for students to gain further autonomy.

### Objectives

- Students will be introduced to Ruby

### Activity

Students should open up the Terminal for Ruby and enter the following code.

```
1 puts "Hello World!"
2 puts "Hello Again"
3 puts "I like typing this."
4 puts "This is fun."
5 puts "Yay! Printing."
6 puts "I'd much rather you 'not'."
7 puts "I \"said\" do not touch this."
```

Have the students type the above into a single file named `ex1.rb`. This is important as Ruby works best with files ending in `.rb`. Then in Terminal run the file by typing:

```
ruby ex1.rb
```

If they did it right then you should see the same output I have below. If not, they have done something wrong. Have them review their code and reenter it appropriately.

```
$ ruby ex1.rb
Hello World!
Hello Again
I like typing this.
This is fun.
Yay! Printing.
I'd much rather you 'not'.
I "said" do not touch this.
$
```

They may see the name of your directory before the `$` which is fine, but if their output is not exactly the same, find out why and fix it.

If they have an error it will look like this:

```
ruby ex1.rb
ex1.rb:4: syntax error, unexpected tCONSTANT, expecting $end
puts "This is fun."
      ^
```