Programming Paradigms - Ruby Instructions

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You can download a free version of Ruby and install a pre-built package on all major operating systems (Windows, MacOS, Linux, Solaris): `http://www.ruby-lang.org` There are two different ways to run Ruby programs. You can either use an interactive interpreter by calling `irb` in a shell. Or you can run a file containing a ruby program by using `ruby` (which executes the contents of the file). This is done by calling `ruby xxx.rb` in a shell, where `xxx.rb` is the name of the file.

As a first exercise download the program `firstruby.rb` from the course web site and run it on your machine using `ruby`. Try to run it in the interactive shell `irb` by copying it into the shell. Once you are comfortable with using these tools, start on the exercises.
If you are interested in more details about Ruby, the following resources may be worth looking at:

- For a more detailed guide on programming Ruby, you can have a look at the free online version of "Programming Ruby: The Pragmatic Programmer's Guide": `http://www.ruby-doc.org/docs/ProgrammingRuby/`
- A reference to all the important classes, modules, and methods built into Ruby, there is a web page describing the Ruby API: `http://www.ruby-doc.org/core-2.5.0/`
- If you are interested in a rather strange, surreal introduction to Ruby, you can also go here: `http://mislav.uniqpath.com/poignant-guide/`
- You can also find a nice course for Ruby in the following link: `https://www.codecademy.com`
- If for any reason you cannot install Ruby on your computer, you can run Ruby on your browser: `http://tryruby.org/levels/1/challenges/0`