

Ruby on a Mac (updated 7/2015)

Ruby is pre-installed on your Macintosh computer. Create a RubyProgs directory in your Applications folder. Find `recursive1.rb` on this webpage and save it into that directory.

You can get the SciTE editor for about \$40.00 in the AppStore. This is cool, but not required. With SciTE, from the file menu open the file `recursive1.rb` from your directory. `Fn/command/f8` (view/output) splits the pane; `f5` (tools/go) runs the program – your output should appear on the right.

Without SciTE, you can use any text editor. The default is TextEdit. Be sure that `MakeRichText` is OFF under the Format tab, so that the file is saved as plain text. To run your file, open the Terminal from Applications/Utilities. Change to the directory in which you have placed the Ruby file – so if you have followed instructions from above,

```
cd /Applications
```

```
cd RubyProgs
```

The prompt should reflect your changes. You can return to the home directory with `cd ~`. Run your file with the command,

```
ruby recursive1.rb
```

Ruby on a PC (updated 7/2015)

Obtain and run the free RubyInstaller from <http://rubyinstaller.org/>. Then you will want the free SciTE editor. Get the full download from <http://www.scintilla.org/SciTEDownload.html> (don't run the optional installer -- it comes with a bunch of garbage). There is no real installation; once you unzip the files into the directory you want, create a shortcut to the `.exe` file and it will go.

Create a directory for Ruby programs associated with our course. Find `recursive1.rb` on this webpage and save it into your directory. Now open the Ruby editor SciTE. From the file menu open `recursive1.rb` from your ruby directory. `F8` splits the pane. `F5` runs the program, output should appear on the right.

Additional SciTE information: you can change the output to a monospace font (good for future purposes) by going to options; open user options file; and inserting the line, `'style.errorlist.32=${font.monospace}'`; then save. Print your code from the file menu in the usual way. I don't know how to print from the output pane except to copy and paste into another application (like Word) that will print. On a PC, `Ctrl-Break` stops a program in an infinite loop; `Ctrl-C` should do the same job on a Mac. There is much helpful information about Ruby in the Ruby package and on the web.

This is not much, but should get you started!