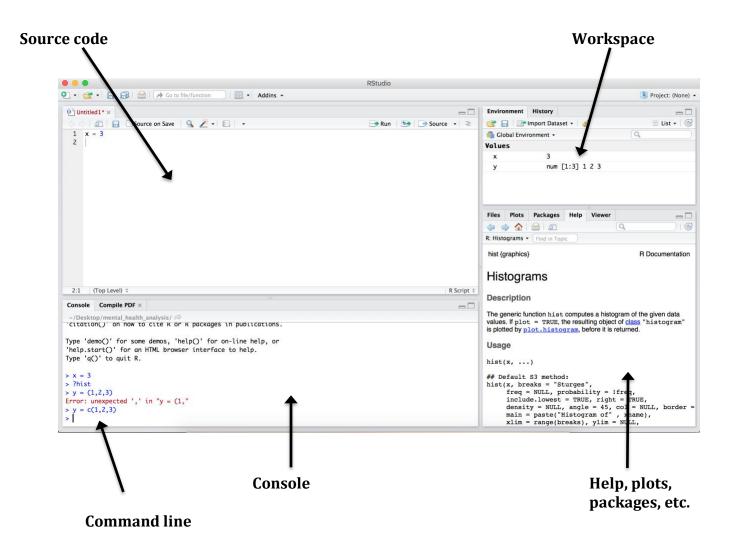Download R
1. Visit the following links:
   a. MacOS: https://cran.rstudio.com/bin/macosx/
   b. Windows: https://cran.rstudio.com/bin/windows/base/
2. Download R based on the type of operating system you have, and make sure it is the latest version

Download RStudio
1. Go to http://www.rstudio.com
2. Click **Download**
3. Download the latest (free) version for running RStudio on your desktop
4. To start a new R script go to File > New File > R Script
5. RStudio looks like this

Source code

Workspace

Console

Help, plots, packages, etc.

Command line

RMD (R Markdown) file set up **(optional)**

1. RMD documents incorporate text and code to create nicely formatted output. They're also great for reproducibility purposes.
   a. This is especially useful for your R assignments because they compile text, plots equations, and code into a PDF, Word, or HTML document.
   b. If knitting as a PDF doesn't work, you can save the Word document or HTML document as a PDF.
2. To start a new RMD file go to File > New File > R Markdown
   a. Or download the template on bCourses called SampleMarkdown.Rmd
3. Once you've made sure all your code is debugged, you can "knit" your document. This means it's compiling your code, text, plots, etc. and formatting it into a presentable document. To do this, use the dropdown button just to the left of the Knit button and click Knit HTML or Word. It will ask you to download and install some packages. Click Yes.
4. If you'd like to compile your homework as a PDF, you'll have to install TeX on your computer
   a. Visit: https://miktex.org/download
   b. Once you've downloaded Tex, close out of RStudio and open your markdown file again. Click Knit PDF and see if it works.

"Knit" button