# Getting Started in R

1. Log in to RStudio https://rstudio.cosine.oregonstate.edu, or open RStudio if you have installed it locally.

2. Go to File → New Project. A box will prompt you "Create project from:". Choose "New Directory" (or "Existing Directory" if you already have a location you want to keep all ST516 materials). Call it ST516.

3. Back in Canvas, download the R script file "Homework1.R" included on the homework page. Save it in your new ST516 folder (if you are using the server, please see the Getting Set Up document for the Start Here module to learn how to move files to the server).

4. Back in RStudio, go to File → Open File. Find the script file you just downloaded, "Homework1.R", and click open. You should now be able to see the opened file in the upper left pane of RStudio.

5. This file should help you complete the first homework.

6. Notice that the first line begins with "#", the hash symbol. This tells R that this line is not code, but simply a comment.

7. Go down to the line 3 + 4 and highlight it with your mouse. At the top of the upper left panel you should see the "Run" button. Click it. This should execute 3 + 4 in the console, and give you the result.

8. You are on your way!! Keep going, and see the "General R" section just below if you want more guidance.

# General R Help

- Chapter 1 of *Hands on Programming in R* is a great resource for getting started in R and RStudio. You will read it as part of your lab in Module 2, but feel free to read ahead for additional help.