# Exercises:

1. Go through sections 1 and 2 of the R Programming course in the `swirl` package, then answer the following questions:

   (a) What does the function `c` do?

   (b) In which package is the `c` function contained?

   (c) Create a vector

   ```
   v <- c(1,2,3,4)
   ```

   What command would you type to add 3 to each component of the vector? Type your command and write down the result.

   (d) What does the function `getwd` do?

   (e) What does the function `ls` do?

   (f) What is a working directory?

   (g) In RStudio, how can you list all of the files in your working directory?

   (h) Describe what each of the listed functions do, be detailed

   - `list.files`
   - `dir.create`
   - `file.create`
   - `file.info`
   - `file.rename`
   - `file.copy`

2. Read through section 4 of the article *Excuse me, do you have a moment to talk about version control?*, then answer the following questions.

   (a) What is Git?

   (b) What is GitHub?

   (c) Why should someone in data science care about these?