

Introduction to Data Science
Homework 3: Due Wednesday September 12 at 2:00pm

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`