

### Basic Building Blocks

Open RStudio and create a new project under your Module 1 folder and call it **Assignment1**. For this assignment, we will be completing the first lesson under the R Programming course in Swirl. To load this lesson,

```
library("swirl")  
swirl()
```

you will need to have RStudio running the following in the console:

This should start a new session of Swirl and you will be prompted to enter your name. When you see the screenshot below, select 1 as your option (R Programming):

```
| Please choose a course, or type 0 to exit swirl.  
  
1: R Programming  
2: Take me to the swirl course repository!  
  
Selection: 1
```

Next, you will need to select 1 (Basic Building Blocks) again to run through the first lesson in the course (see image below):

```
| Please choose a lesson, or type 0 to return to course menu.  
  
1: Basic Building Blocks      2: Workspace and Files  
3: Sequences of Numbers     4: Vectors  
5: Missing Values           6: Subsetting Vectors  
7: Matrices and Data Frames 8: Logic  
9: Functions                10: lapply and sapply  
11: vapply and tapply       12: Looking at Data  
13: Simulation              14: Dates and Times  
15: Base Graphics  
  
Selection: 1|
```

This provides a good walkthrough to get you more familiar with RStudio and programming in R. You will notice that there is a % complete on the right side of the console that will let you know where you are in the lesson. You will walk through a number of examples on how to type commands within the RStudio console. While this course was created by the Swirl Team and some course in Coursera use this same lesson, you should select no when asked to receive credit for completing this course.

When you complete this assignment, go back to Canvas -> Module 1 -> Assignment 1 and enter the following as text into the assignment complete:

- 1.) Provide the console command you typed after the 92% complete prompt. You can either highlight the command and output in the console and right-click copy -> paste or you can just retype the command and output in Canvas.

## **Module 1: Assignment #1**

- 2.) Provide the last command you typed in the console before reaching 100% complete (this is the auto-completion exercise). You can either highlight the command and output in the console and right-click copy -> paste or you can just retype the command and output in Canvas.