

Lab - RStudio - The Basics

Exercise 1 - Running your first R code in RStudio IDE

1. To launch **RStudio IDE** on Skills Network Labs, click on the "**Open Tool**" button below.
2. With RStudio IDE open in your browser, click within the **Console** window in the lower lefthand corner.
3. Type in "**1 + 1**", without quotation marks and press **Enter** to run the R code.
4. You should see the result: "**[1] 2**". Note that the "[1]" simply refers to the [n]th item returned in the output.
5. Now try running "**1:1000**" in your console, which should display the first 1000 integers from 1 to 1000.

Exercise 2 - Create a new R script

1. Go to "**File**" then "**New File**" then "**R Script**".
2. In your R script window, type "**x <- 1**" or "**x = 1**". Both do the same thing, but in R, variables are traditionally assigned using the "<-" syntax, which resembles a leftward-pointing arrow.
3. **Execute the code from the script window**, either by pressing the "**Run**" button or by pressing "**Ctrl+Enter (Windows)**" or "**Cmd+Enter (Mac)**" on your keyboard. You should see that the code was properly run in the console.
4. Notice that in the upper-righthand window under "**Environment**", you should now see a new variable for "**x**", with a value of "**1**".
5. Try adding **100 to x** from the script window and confirm the result in the Console.

Exercise 3 - Save your new R script

1. Go to "**File**", then "**Save**" to save your R script. Alternatively, you can go to "File" then "Save As..." to choose a filename and where you want to save your file.
2. In the bottom right-hand window for "**Files**", you should now be able to navigate the **folders** and find your current R Script.
3. If you wish, you can **download the R script to your computer**. To do so, check the checkbox to the left of the filename, and click on "**Export**" to download your file.

Passed 100%

This course uses a third-party tool, Lab - RStudio - The Basics, to enhance your learning experience. The tool will reference basic information like your name, email, and Coursera ID.