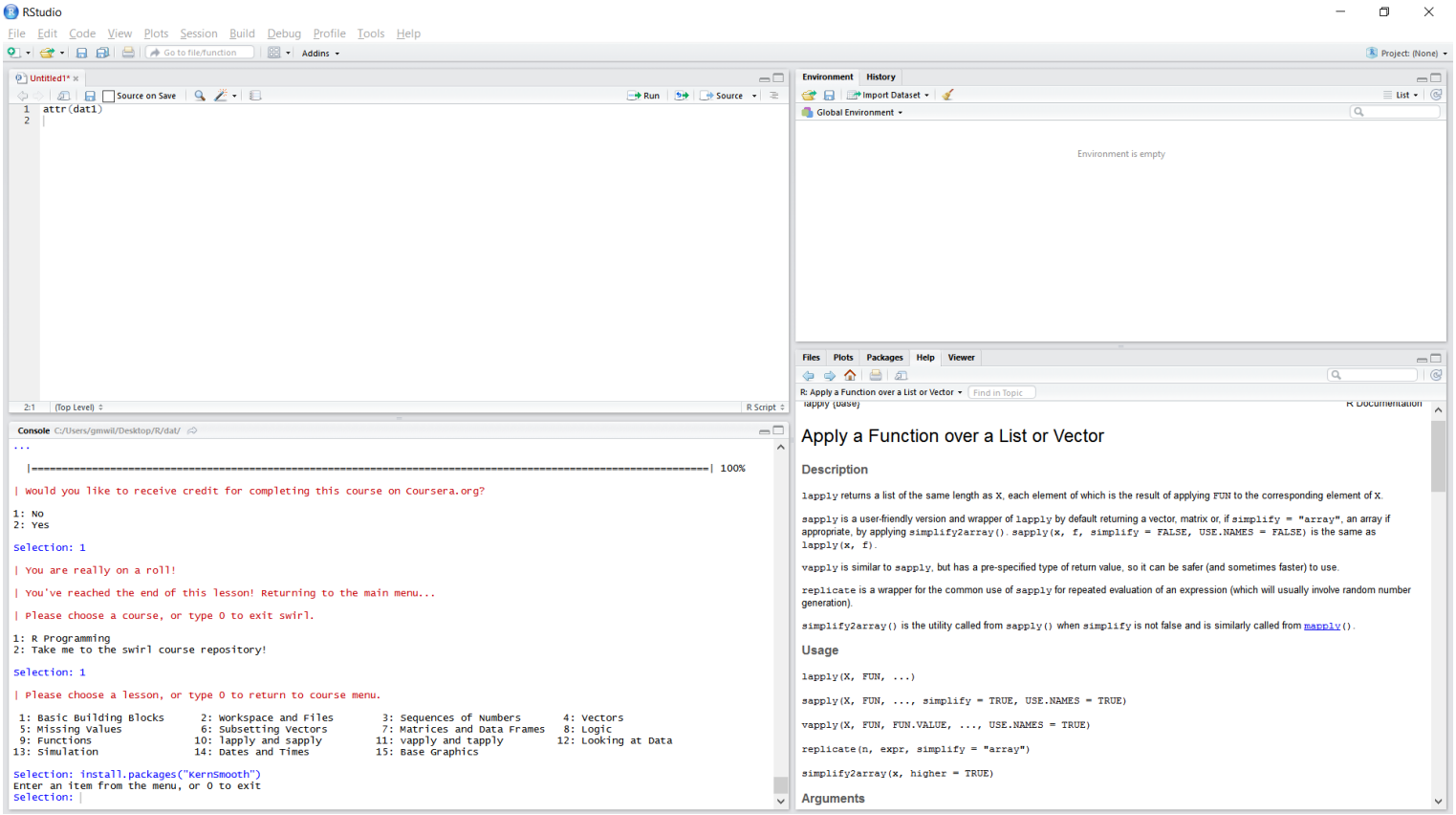
RStudio
File Edit Code View Plots Session Build Debug Profile Tools Help
Addins
Project: (None)
Untitled1*
Source on Save
Run
Source
1 attr(dat1)
2
2:1 (Top Level)
R Script
Environment History
Import Dataset
List
Global Environment
Environment is empty
Files Plots Packages Help Viewer
R: Apply a Function over a List or Vector
Find in Topic
lapply (base)
R Documentation
Apply a Function over a List or Vector
Description
lapply returns a list of the same length as X, each element of which is the result of applying FUN to the corresponding element of X.
sapply is a user-friendly version and wrapper of lapply by default returning a vector, matrix or, if simplify = "array", an array if appropriate, by applying simplify2array(). sapply(x, f, simplify = FALSE, USE.NAMES = FALSE) is the same as lapply(x, f).
vapply is similar to sapply, but has a pre-specified type of return value, so it can be safer (and sometimes faster) to use.
replicate is a wrapper for the common use of sapply for repeated evaluation of an expression (which will usually involve random number generation).
simplify2array() is the utility called from sapply() when simplify is not false and is similarly called from mapply().
Usage
lapply(X, FUN, ...)
sapply(X, FUN, ..., simplify = TRUE, USE.NAMES = TRUE)
vapply(X, FUN, FUN.VALUE, ..., USE.NAMES = TRUE)
replicate(n, expr, simplify = "array")
simplify2array(x, higher = TRUE)
Arguments
Console C:/Users/gmwil/Desktop/R/dat/
...
|==| 100%
| Would you like to receive credit for completing this course on Coursera.org?
1: No
2: Yes
Selection: 1
| You are really on a roll!
| You've reached the end of this lesson! Returning to the main menu...
| Please choose a course, or type 0 to exit swirl.
1: R Programming
2: Take me to the swirl course repository!
Selection: 1
| 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: install.packages("KernSmooth")
Enter an item from the menu, or 0 to exit
Selection: