

Week 1 assessment

September 22, 2015

1 Getting help

- 1.1 What would you do if you wanted to find out what a function does?
- 1.2 What would you do if you wanted to work out how to do something in R?
- 1.3 What are the best practices for getting help from someone?

2 Assignment

- 2.1 Assign a vector to the object `x`.
 - (a) What storage mode is it? (Place this as a comment)
 - (b) Assign `1` to be `x`'s length.
 - (c) Assign `x.1a` to be `x`'s first element.
 - (d) Assign `x.1b` to be `x`'s first element as well, but do it in a different way.
 - (e) Write a line of code that verifies `x.1a` and `x.1b` are equal.
 - (f) Assign `x.2` to be every second element of `x`.
 - (g) Assign `x.n` to be every element of `x` that has an unambiguous numeric representation. Comment what you interpret “unambiguous numeric representation to mean”.
 - (h) Concisely express how many elements of `x` are whole numbers. (Look at `?is.integer`, especially the end of the help file).
- 2.2 What is the difference between `<-` and `=` in assignment?

3 IO

- 3.1