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Epi III 01 Getting Started

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1. I have R and RStudio installed and working on my personal laptop computer.

True



-  If you don't please talk to me and let's make sure you are able to get it installed. You will need it for this course.



2. Which of the following is the RStudio pane we can use to type a command to R at the prompt (the prompt looks like ">") and receive a response from R in return?



A Console




B Source



C Files



D Environment

-  The **console** is the most basic way to interact with R. You can type a command to R into the console prompt (the prompt looks like ">") and R will respond to what you type.

3. R is a functional language. For our purposes, that means that everything we *do* in R we will *do* with an *object*. By contrast, everything we *create* in R will be a *function*.

False

- i Everything we *do* in R we will *do* with a *function*. By contrast, everything we *create* in R will be an *object*.

4. What do we call "seq()" in the following R code?
seq(from = 2, to = 100, by = 2)

- A An argument
B A parameter
C A function
D An object

- i **seq()** is a function. It returns a sequence of numbers.

5. What do we call "from", "to", and "by" in the following R code?
seq(from = 2, to = 100, by = 2)

- A Functions
B Passes
C Returns
D Arguments

- i Inside the function, you may notice that there are three pairs of words, equal symbols, and numbers that are separated by commas. They are, **from = 2**, **to = 100**, and **by = 2**. In this case, **from**, **to**, and **by** are all **arguments** to the **seq()** function.

6. What do we call "my_nums" in the following R code?
my_nums ← seq(from = 2, to = 100, by = 2)

- A A function
- B An object
- C An argument
- D A return value



i In R the assignment arrow is used to create objects. It points towards the object on the left side of the arrow to be created by the function (typically) on the right side of the arrow. Objects are (typically) stored in our global environment.

7. Which of the following is the RStudio pane we can use to view all the **objects** that R can currently use for data management or analysis?

- A Console
- B Source
- C Files
- D Environment



i The Environment pane shows us all of the **objects** that R can currently use for data management or analysis.

8. In this course, which of the following RStudio panes will we use to *write* the vast majority of our R code?

- A Console
- B Source
- C Files



 FILES**D** Environment 

In this course, we will we will *write* the vast majority of our R code in the source pane.

9.

In this course, which of the following file types will we use to *write* the vast majority of our R code?

A R markdown documents **B** R console **C** R scripts **D** R projects 

In this course, we will *write* the vast majority of our R code in R markdown documents. Specifically, R Notebooks.

10. At its core, all the pipe operator does is take the thing on the ___ side and pass it to the ___ argument of the function on the ___ side.

A left, first, right **B** left, last, right **C** right, first, left **D** right, last, left 

At its core, all the pipe operator does is take the thing on the *left* side and pass it to the *first* argument of the function on the *right* side.

Add a Question

Multiple Choice

True / False

Short Answer

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