# Quiz 1

**Name:**

**1.**

You have the following dataframe saved as the R object `our_course`:

```
##   class_session     date
## 1             1  Aug. 24
## 2             2  Aug. 31
## 3             3 Sept. 14
## 4             4 Sept. 21
## 5             5 Sept. 28
```

How would you print the first two rows at your R console?

    a. head(our_course)
    b. our_course[1:2]
    c. our_course[1:2, ]
    d. read.csv(our_course, nrows = 2, header = TRUE)

**2.**

If you enter the command `getwd()` at your R console, what is printed out?

    a. Your current working directory.
    b. The code that makes up the function `getwd()`.
    c. Your home directory.
    d. Your root directory.

**3.**

You have the R package `ggplot2` saved on your computer from using it in an earlier R session. You start a new R session, and you need to use some functions from this package. What code do you need to run?

    a. `install.packages("ggplot2")`
    b. `library(ggplot2)`
    c. Nothing, you're ready to go since it's already on your computer.
    d. `library()`

**4.**

Refer to the `our_course` dataframe shown in the first question. What is the only code that would **not** work if you want to print out the first four values in the `date` column?

    a. head(our_course[ , 2], 4)
    b. our_course[1:4, "date"]
    c. our_course[1:4, 2]
    d. our_course[1:4, date]

**5.**

Say you have a .csv file that looks like this when you open it in a text editor:

```
This is a file of data on course
meetings for R Programming
class_session, date
1, "Aug. 24"
2, "Aug. 31"
3, "Sept. 14"
```

Which options would you need to use in the `read.csv()` function to read this file into R?

   a. `header = FALSE, nrows = 2`
   b. `header = TRUE, skip = 2`
   c. `header = TRUE, nrows = 2`
   d. `skip = 2, nrows = 2`

**6.**

What command would you use to list all the files in your current working directory?

   a. `getwd()`
   b. `setwd("~")`
   c. `list.files()`
   d. `ls()`

**7.**

Refer again to the example dataframe from Question 1. How could you find out how many observations are in this dataframe?

   a. `nrow(our_course[1, ])`
   b. `dim(our_course)`
   c. `length(our_course)`
   d. `ncol(our_course[1, ])`

**8.**

Where do files need to be for you to directly read them into your R session (i.e., read them in with only their file name, like `read.csv("FileName.csv", header = TRUE)`)?

   a. My GitHub repository
   b. Your home directory
   c. Your current working directory.
   d. Your desktop