

Exercise 1.4

Getting data into R

useful commands `setwd()`, `read.csv()`, `list.files()`, `getwd()`

* 01. Enter `getwd()` to determine your current working directory.

```
getwd()
```

```
## [1] "/Users/mcstitzer/Documents/STEMinist_R/day_1/Day_1_Exercises"
```

***02. Set working directory to the class folder you have from Google Drive**

```
## this depends on where you've saved things, and will be different for everybody!  
setwd('~/Documents/STEMinist_R/day_1/Day_1_Exercises/')
```

* 03. List the files present in this directory.

```
list.files()
```

```
## [1] "Exercise_1.1_Basics.R"           "Exercise_1.2_Dataframes.R"  
## [3] "Exercise_1.3_Subsetting.R"       "Exercise_1.4_WorkingDirectory.R"  
## [5] "Exercise_1.5_MessyData.R"        "sleep.csv"
```

* 04. Read “sleep.csv” into R, store as an object sleep

```
sleep = read.csv('sleep.csv')
```

05. How many columns are in sleep?

```
ncol(sleep)
```

```
## [1] 10
```

06. Remove sleep from your R working session

```
rm(sleep)
```

07. Move up one working directory to the parent folder,
list objects present, and then move back down to the course folder.

```
setwd('..') # in unix, .. means up one directory, . means the current directory  
list.files()  
## note that unless you've named your directories just like mine, this may be different!  
setwd('Day_1_Exercises')
```