

## Assignment 1. Github and Rstudio: Hello World

.Rmd files will be the only file format we work in this class. Rmd files contain three basic elements:

1. Script that can be interpreted by R.
2. Output generated by R, including tables and figures.
3. Text that can be read by humans.

From a .Rmd file you can generate html documents, pdf documents, word documents, slides . . . lots of stuff. All class notes will be in .Rmd. All assignments will be turned in as .Rmd files **AND .html** (or other knitr result), and your final project? You guessed it, .Rmd **AND .html**. To create an html file you will need to “knit” your Rmd file (*We will discuss this in class, but feel free to read ahead*).

For your first assignment, I want you to create a file called **01-assignment\_<lastname>.Rmd** It should contain the following elements:

1. A sentence that says “Hello World, my name is <insert\_name>”
2. An R-Chunk that performs a simple arithmetic operation, e.g.  $3+4/7$  .

Example:

```
---  
output:  
  html_document: default  
  pdf_document: default  
  word_document: default  
---
```

```
# Hello World, My Name is Jeremy!
```

```
```${r}  
#Arithmetic Operation  
“100 + 11 * 2 = ”  
100 + 11 * 2  
```
```

Please submit the knitted result file (html, doc or pdf) and the RMD file.