Topics:

* R
* embedded C (where R comes from…)
  + C can be way quicker than R with handling big data
* Git/GitHub
  + level 1: versioning, back up, share (already doing in class)
  + level 2: collaborate
    - multiple people editing the project
* RMarkDown (creating documents with embedded plots and variables)
  + HTML (For robust documents)
  + RShiny (interactive plots)
* Animations (non-interactive plots)
* Multipaneling (already doing in class)
* Tidyverse
  + can be overused (IMHO)
  + Tidyverse gets rid of for loops and if else statements
* For loops with embedded if-else statements
  + only four parts to programming – the other two are variables and functions
* Publication quality (this really means themes and styles)
* RMapping
  + Very messy landscape
  + Need to focus on specific examples

Tasks:

* Quickly go through the 10 lessons in the class to see what the topics are.
* In groups, discuss what topics you are most interested in learning more about. You can include stuff that is not on this list or you can also decide that you want to just focus on the GGPlot topics in class.
* Report back to class (1-2 minutes)

1) What was your level of comfort with the lesson/application?2) What areas of the lesson/application confused or still confuses you?3) Give an application of the lesson for your area of study.4) Give an extension to the material that you would like to see.