Git and GitHub Exercise

Ryan T. Moore

3 January 2020

1. Create a new repo using the GitHub Web site. The procedure is around slide 79, and includes

   - On GitHub.com: Profile > Repositories > New
   - Name (`mytest`)
   - Description (brief descr)
   - `README` (yes, initialize it)
   - `.gitignore` (yes, choose R)
   - license (yes, select one)

This is an alternative to creating a repository through RStudio menus.

2. Update the `README` and the `.gitignore` file on the web, and commit your changes. To update the `.gitignore`, go to https://www.gitignore.io, and create a `.gitignore` with R, `TeX`, `LaTeX`, and anything else included that you'd like.

3. Clone the repo you created to your local machine.

4. Edit the `README` (or make any other change – add a `.R` file, etc.) to the **local files** and then commit and push them **at the terminal prompt**. This procedure is around slide 105

5. On this test repo, add me as a collaborator (if you keep your repo private) or send me a link to it (if you make it public). You can always delete a repo.

6. Create an Issue and assign it to me. Give it a tag. For advice on writing Issues, see https://wiredcraft.com/blog/how-we-write-our-github-issues/.

7. Around slide 135, there is a tutorial for branching, merging, rebasing.
   Complete the intro sequence, try parts 1-3.

8. Make sure you've completed the practice exercise at slide 74.

9. As optional practice, take a directory you have created for a project and create a GitHub repo with it.