GIT Instructions

1. Download git from:
   1. <https://git-scm.com/>
      1. Windows - <https://git-scm.com/download/win>
   2. Optionally download a GUI - <https://git-scm.com/downloads/guis>. We will not be using GUI in these instructions.
2. From the new GIT items in your start menu, run Git CMD
3. Cd into the directory you keep your homeworks in. Each homework should be in a separate sub directory. Directories should be named HW\_65, HW\_66 etc... (use the number included in the name of the screencast for that class.)
4. Run git init to create a repository in this directory
5. Optionally add a .gitignore file to the directory that lists files / directories that you don’t want to be tracked in the repo. E.g. to have git ignore node\_modules directories, create a file named .gitignore and add the following text to it node\_modules/
6. Each file needs to be added to the repository you can do this in several ways:
   1. Run git add file1 file2 to add each file individually
   2. Run something like git add \*.js \*.html to add all js and html files in all subdirectories.
   3. Run git add \*.\* to add all files (except files ignored by .gitignore and subdirectories that have their own git repos e.g. directories create by angular-cli).
   4. Run git add –all to add all files (except files ignored by .gitignore and subdirectories that have their own git repos e.g. directories create by angular-cli).
7. Run git status to see what’s been added – and what’s not. Any files listed at the end as “Untracked” have not been added. Add them as above if they should be added.
8. Run git commit -m “Add initial homework files” (where the message in quotes can be whatever you like) to actually commit the files to the repo.
9. Sign up for Git Hub - <https://github.com/>
10. Create a repository on github. Click start project, fill in name for repo – e.g. homeworks, click Create Repository. Choose public or private (public anyone can see, private they must be invited)
11. Push your existing repository on your machine up to github. Copy the 2 lines shown in “..or push an existing repository from the command line”. Something like:

git remote add origin https://github.com/your-name/homeworks.git

git push -u origin master

1. Invite me to participate with your repo. On github navigate to your repo. Click settings, collaborators, add collaborator, and add “slubowsky”.
2. Going forward, whenever files modified or added, follow same process. git add… to stage changes, then git commit -m … to commit them locally, then git push -u origin master to push them to github.