1. Basic Code

pwd

(pwd = print working directory)

Check current working directory

cd + space + drag the folder to terminal or cd **Project**

(cd = change directory) (“Project” is the folder name)

Change working directory to designated folder

mkdir “**Panel\_Data**”

(mkdir = make directory folder)

A new folder names “hello-world” is created under the main folder

touch “**index.html**”

(touch = make an empty file)

Create an empty .html file

git init

(init = initialize)

Create a repo

git status

Track all changes of files

git add **index.html**

Plan to commit only file “index.html”

git add -A

Plan to commit the folder

git commit -m ‘My first commit.’

(-m = add a message)

Commit the file/folder

git checkout -- .

Restore damaged/deleted files

git clone https://github.com/queenqueen89/**Sample.git**

(the web address is for the repo)

Clone files from GitHub to Computer

git remote -v

Check the current designated repo on GitHub (where the folder is being pushed to)

git remote set-url origin https://github.com/queenqueen89/Panel\_Data.git

Plan to push the folder to a designated repo on GitHub

git push origin master

Push the repo

2. Clone files from GitHub to Computer

(1) On GitHub website, you have a repo with the name “Sample.” There’re some sample files.

(2) Type cd + space + drag the folder “**Project**” to terminal

(3) Type git clone https://github.com/queenqueen89/**Sample.git** (where the files are located) – hit “Enter” – a subfolder “**Sample**” will be created under the folder “**Project**.”

3. Push files from Computer to GitHub

(1) in terminal, type cd + space + drag the folder “**Panel\_Data**” to terminal – hit “Enter”

(2) Check where “**Panel\_Data**” is being pushed now

type git remote -v – You’ll see “**Panel\_Data**” is being pushed to the author’s GitHub site

(3) Push the sample files to your destined GitHub Repo location

Type git remote set-url origin https://github.com/queenqueen89/Panel\_Data.git - hit “Enter” – type git remote -v – hit “Enter”

(4) Push the repo

Type git push origin master – hit “Enter” – input username and password (this is a one-time thing) – the files will be uploaded to the designated repo on GitHub

4. Update Repo from Computer to GitHub

(1) Delete a few line for “index.html” file – type git status – hit “Enter”

(2) type git add -A – hit “Enter” – type git status – hit “Enter”

(3) type git commit -m ‘Deleted two lines.’ – hit “Enter”

(4) type git push origin master – hit “Enter” – refresh GitHub page, you’ll see the description for the folder “app” is updated to “Deleted two lines.”