CIVL/CERI 8102 – In Class Assignment – Week 3
– GitHub and Version Control –

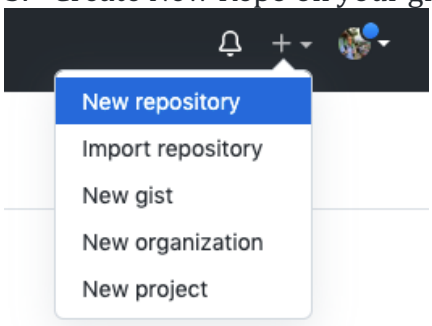
Activity 1: - modify an existing repository

Create new Repo:
Open your browser and navigate to your github page
Click the + icon in the upper right corner and create a new repo called: “MyEqCat” → Chose: -Pubic, -Add a Readme file,
Upload the file: Bellevue_events.txt
Add a short description of the new repo
Download new repo
Create a new github directory on your computer
Use clone to down load the new repo:
$ git clone http://github.com/[username]/[repo-name].git
$ cd [my-repo-name]
Create a new side branch
$ git branch [my_branch_name]
$ git push --set-upstream origin [my-branch-name]
$ git status
$ git branch
$ git branch -r
Make changes to repo by adding a new file
$ git checkout [my-branch]
$ touch [new_file]
$ nano [new_file] # add content to file
$ git add [new_file]
$ git commit –m “[commit message]”
Final step merge with main branch
Check out to the main branch:
    $ git checkout main
Merge your branch:
    $ git merge my-slide
Push the merged history to GitHub:
    $ git push
Delete your the branch locally:
    $ git branch -d my-slide

Activity 2: Upload an existing project to GitHub

1. In Terminal, change the current working directory to your local project:
   a. Create Folder: my_new_eq_repo
   b. add files: Bellevue_events.txt

2. Initialize the local directory as a Git repository.
   `$ git init`
3. Add the files in your new local repository. This stages them for the first commit.
   `$git add .`
   or:
   `$git add --all`
4. Commit the files that you've staged in your local repository.
   `$git commit -m 'First commit'`
5. Create New Repo on your github page:



6. In Terminal, add the URL for the remote repository where your local repository will be pushed.
   `$git remote add origin <remote repository URL>`

   `(e.g. https://github.com/tgoebel/my_eq_repo)`

   Check the new remote destination:
   `$git remote -v`

   Push the changes in your local repository to GitHub.
   `$ git push origin 'branch-name' here branch-name = master`