Create account in github.com

Download and install desktop github

On git desktop, log out and then again log in with the username/password from github.com (<https://help.github.com/desktop/guides/getting-started/authenticating-to-github/>)

Go to github.com , copy your normal (gmail) mail and paste it in github desktop to “configure git”, paste it over the “nonreply git mail” (https://help.github.com/desktop/guides/getting-started/configuring-git-for-github-desktop/)

Then open Git Shell, hit

git config --global user.name "YOUR NAME"

and

git config --global user.email "YOUR EMAIL ADDRESS"

for configing username/email

(<https://help.github.com/articles/set-up-git/>)

Worked in git shell

Git clone url of repo

Copies the repo in the pc in a folder named the same as repo

Git status

Show differences in the local repo

Git add

Add changes/new files to be commited

Git commit –m “something”

Commit the add on the local repo, by adding a message (-m) in quotes

Git push

Push it up to Github.com

Git pull

Pull the latest changes that have been pushed to the github.com repo

Git add –A og git add .

Add all the files that created/changed

If there is a conflict in the same file, in the same lines a push will fail and hint that the remote contains work that you don’t have locally. May first integrate changes (pull) and then push again

Just do a git pull to see the changes. Console will say that there is a conflict and where (name of the file)

<<<<<HEAD marks the conflict

Your original data

======== seperates the changes

changes

>>>>>>> closes conflict

Id of the person that made changes

Decide what to keep, delete conflict markings and then again git add,commit,push

Fork

Copy a read only repo to your repo online

Git branch name

Create a branch with that name

Git checkout name

Go to that branch

Git push –u origin branchName

Publish the branchName

Pull request

Send a forked repo from your account to the master’s account repo

Merge

Merge a pull request to your repo

You can push files to a Pull requested repo and the –m message of commit will automatically appear in the pull request discussion