GIT

1. Install GIT for windows

Browse to the official Git website: <https://git-scm.com/downloads> and install GIT

1. Create Github account
2. Create a new repository in Github
3. Creating a new file

* Open a GIT bash

$ mkdir gitdemo //create a new directory [folder name: gitdemo]

$ cd gitdemo //change your location to the newly created directory

$ touch newdemo.text //create a text file

$ git init // Initialize local repository

$ git config –global user.mail [akshithaanjali@gmail.com](mailto:akshithaanjali@gmail.com) //configure Github credentials

$ git add . // add files to local repository

$ git status // check status of new git branch and untracked files

$ git commit –m “Text file” //commit the changes to the local repository

* Creating a Git branch

$ git branch logintest //creating branch logintest

$ git status

$ git commit –m ‘another change’

$ git checkout logintest //switched to branch logintest

$ touch loginform.txt // create a text file

$ git add .

$ git commit –m ‘login form’

$ git checkout master //switched back to master repository

$ git merge logintest

* Connecting to remote repository and pushing files to remote repository

$ git remote

$ git remote –v //to see the URL

$ git remote add origin <https://github.com/Akshitha-95/Testdemo2.git>

$ git push –u origin master // push files to remote repository

* Coping files from remote repository to local repository

$ git clone <https://github.com/Akshitha-95/Testdemo2.git>

* To clone a specific branch

$ git clone –b <branchname> <remote-repo-url>

Or

$ git clone --branch <branchname> <remote-repo-url>

$ git clone –b master <https://github.com/Akshitha-95/Testdemo2.git>