Git is a version control which allows us to track changes, undo changes, compare versions. Git is a free and open source tool.

Github or Gitlab is used to host our source code on internet then we use hosting service called Github. Github is owned by Microsoft,

Github is a servicefor hosting files on the internet that are managed using git.

cd🡪Change directory

make a new directory(mkdir)—creates a new directory

list files in current directory(dir)

Git itself is hosted on github

We can install git using below link

<https://git-scm.com/download/>

Below are the commands we can execute to get the username and email address of github account

Git config user.name

Git config user.email

If there is no configuration done we have to execute below commands

Git config –global user.name “venkatvarma”

**git init** command will create a Repository

**git status** will check the repo status

**git clone “url”** to clone the report

if it s public repo token is not required we can execute the below command to clone the repo

**git clone https:// github.com/kvenkatvarma/TestRepo.git**

if it is a private repo then we need a token to clone the repo. below is the command

**git clone https://ghp\_2hP5X9Kmh7NlmXtaIVTINXIR5EVEsD2McUrc@github.com/kvenkatvarma/TestRepo.gi**

**t**

After creating a file in vs code we have to execute below commands

**git add :filename”**

if we want to add two files then we have to execute **git add .**

**git commit -m “Aded a file(here we can add any comment”**