GitHub command line setup:

- Create an account on GitHub
- Install Git on local machine: sudo apt-get install git //for Ubuntu
- Setup username and email:

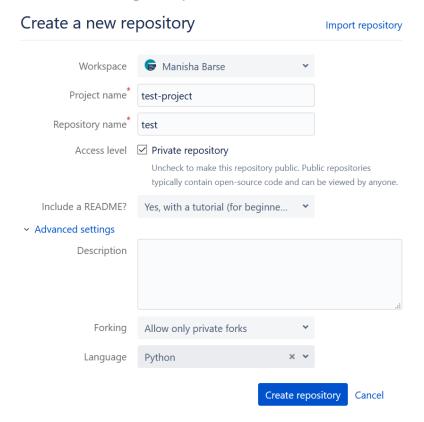
git config –global user.name "username" //same as GitHub account's username and email id git config –global user.email "user@example.com"

- Create a test project folder. Change directory to this folder
- Initialize empty git project: git init
- Add and commit to local repository:
 git add -A
 git commit -m "Initial Commit"

```
manisha@manisha-VirtualBox:-/git-testproject$ git init
Reinitialized existing Git repository in /home/manisha/git-testproject/.git/
manisha@manisha-VirtualBox:-/git-testproject$ git add -A
manisha@manisha-VirtualBox:-/git-testproject$ git commit -m "Initial Commit"
[master (root-commit) 237c2c5] Initial Commit
1 file changed, 1 insertion(+)
create mode 100644 test/test.py
manisha@manisha-VirtualBox:-/git-testproject$ git status
On branch master
nothing to commit, working tree clean
```

- Create and Sign in an account on Bitbucket (since private mode is paid version on GitHub)
- Create a new repository:

git status



To upload existing project to Bitbucket repository:

```
manisha@manisha-VirtualBox:~/git-testproject$ git remote add origin https://manisha20@bitbucket.org/manisha20/test.git
manisha@manisha-VirtualBox:~/git-testproject$
manisha@manisha-VirtualBox:~/git-testproject$ git push -f origin master
Password for 'https://manisha20@bitbucket.org':
Enumerating objects: 4, done.
Counting objects: 100% (4/4), done.
Writing objects: 100% (4/4), 277 bytes | 277.00 KiB/s, done.
Total 4 (delta 0), reused 0 (delta 0)
To https://bitbucket.org/manisha20/test.git
+ 4cb0260...237c2c5 master -> master (forced update)
manisha@manisha-VirtualBox:~/git-testproject$
```

git remote add origin link-of-the-bitbucket-repository-where-project-is-to-be-uploaded git push -f origin master

• Test clone on local machine:

```
manisha@manisha-VirtualBox:~/git-testproject$ cd ../git-test-clone/
manisha@manisha-VirtualBox:~/git-test-clone$ git clone https://manisha20@bitbucket.org/manisha20/test.git
Cloning into 'test'...
Password for 'https://manisha20@bitbucket.org':
remote: Counting objects: 4, done.
remote: Total 4 (delta 0), reused 0 (delta 0)
Unpacking objects: 100% (4/4), done.
manisha@manisha-VirtualBox:~/git-test-clone$
```

git clone link-of-the-bitbucket-repository-where-project-is-uploaded

References:

https://git-scm.com/book/en/v2/Getting-Started-Installing-Git

https://www.youtube.com/watch?v=sXPUTKXXX6E

https://www.youtube.com/watch?v=AvGBbTZrqsM