

Assignment 3:

1) How to check if git is available on your system?

Ans 1) Open command prompt terminal or git bash and type “git --version”.

2) How to initialize a new git repository?

Ans2) To initialize a new repository in git , type “git init” in git bash . This command will create a new (.git) subdirectory .

3) How to tell git about your name and email?

Ans 3) To tell git your name and email follow the given steps:

- Open the command line
- To set username- type git config --global user.name “NAME”
- To set email address- type git config --global user.email “email@example.com”

4) How to add a file to the staging area?

Ans4) The file can be added to the staging area by using the command “git add.filename”.

5) How to remove a file from the staging area?

Ans5) Using the command “git rm --cached <filename>”

6) How to make a commit?

Ans 6) Using the command “git commit --m “some message>

7) How to send your changes to your remote repository?

Ans 7) Open GitHub and create new repository and give repository name.

Use commands:

- git branch -m main
- Git remote add origin (here paste the copied URL of the repository)
- git push -u origin main

8) What is the difference between clone and pull?

Ans 8) git pull :It is used to fetch the latest changes made in the remote repository to the working directory. Using the command “git pull”.

Git clone: It is used to clone the repository to the working directory of the developer.Using the command “git clone”.