

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

Ans: 1. Open terminal
2. And type the “git –version” command.

2.How to initialise a new Git repository?

Ans: 1. Create a new git repository in [GitHub.com](https://github.com)
2. Open terminal Git Base.
3. Change the current directory to local project.
4. Use init command to initialise the local directory as a Git repository.
5. Add a file in your new local repository.
6. Commit the file that you have stages in your local repository.

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

Ans: 1. Open the terminal.
2. Set your username : git config –global user.name “username”
3. Set your email : git config –global user.email “email@email.com”

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

Ans: By using “git add” command

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

Ans: By using “git rm <file> –cached” command.

6. How to make a commit?

Ans: By using the “ git commit -m “message” “ command.

7. How to send your changes to a remote repository?

Ans: To push the commit from the local repo to your remote repositories, run git push -u remote-name branch-name where remote-name is the nickname the local repo uses for the remote repositories and branch-name is the name of the branch to push to the repository. You only have to use the -u option the first time you push.

8. What is the difference between clone and pull?

Ans: 1. git clone is how you get a local copy of an existing repository to work on.
2. git pull (or git fetch + git merge) is how you update that local copy with new commits from the remote repository.