

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

We can check by using the command **git version** or **git -v**. It will display the version info if git is available on your system.

2. How to initialize a new Git repository?

We can use the command **git init**.

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

We can configure our name and email using :

- **git config --global user.name "name"**
- **git config --global user.email "email"**

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

We use **git add \$filename** or **git add .** to add one specific file or all files to the staging area.

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

For the first time we can use **git rm --cached \$filename**, and later on we can use **git restore --staged \$filename**.

6. How to make a commit?

We use **git commit -m "commit message"**

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

We can send our changes by pushing the committed code to the repository using the command **git push -u origin main**.

8. What is the difference between clone and pull?

- Clone we will use for the first time when we need to clone a remote repo to our local.
- Pull will be used whenever we need a modified code from the remote repo which someone made and we need that on our local working area.