

1. How to check if git is available on your device or not?

Ans: To check if git is installed or not, open the command prompt and execute the command **git --version** .

2) How to initialize new git repository?

Ans: Create a directory to contain the project.

Type **git init**.

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

Ans: git config --global user.name "Nikhil"

git config --global user.email "[nikhil@gmail.com](mailto:nikhil@gmail.com)"

4)How to add file to the staging area?

Ans: by using **git add .** command - to add all files

**git add <file-name>** command - to add specific file

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

Ans: by using cmd **git rm --cached <file-name>**

6)How to make a commit?

Ans: by using cmd **git commit -m "commit message"**

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

Ans: git push <remote-name> <branch-name>

**git push origin main**

8) What is the difference between clone and pull?

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

The git pull command is used to fetch and download content from a remote repository and immediately update the local repository to match that content.git pull is a (clone(download) + merge) operation and mostly used when you are working as teamwork.