

1. How to check if git is available on your system?
2. How to initialize a new git repository?
3. How to tell git about your name and email?
4. How to add a file to a staging area?
5. How to remove a file from the staging area?
6. How to make a commit?
7. How to send your changes to a remote repository?
8. What is the difference between clone and pull?

1(Ans) . We use the command **git version** to check whether git is available on our system or not.

2(Ans) . We use the command **git init** to initialize a new git repository.

3(Ans) . git config --global user.name "kaushikPw"  
git config --global user.email "[basakkaushik438@gmail.com](mailto:basakkaushik438@gmail.com)"  
In this way , we tell git about our name and email.

4(Ans) . We use the command **git add test.java** to add a file to a staging area.

5(Ans) . We use the command **git rm -cached test.java** to remove a file from a staging area.

6(Ans) . We use the command **git commit -m"First commit"** to make a commit.

7(Ans) . We use the command **git push -u origin main** to send our changes to a remote repository.

8(Ans) . Clone is used to **copy** the main repository project from one developer machine to another developer's machine . But pull is if one developer modified the code and he pushed back the code to the main repository, then the other developer pulled the code and the changes are to be reflected.