

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

Ans: git --version

2) How to initialise a new git repository?

Ans: git init

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

Ans: git config --global user.name "subed997"

git config --global user.email "ubedulla997@gmail.com"

Global : it indicates the user can work with git commands from different drives of the computer.

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

Ans: git add : to send the code from workspace to staging area we use the following command

Syntax : git add <file-name>

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

Ans: it is also possible to unstage the files from staged area to workspace, using the following command
Syntax : git rm --cached <file-name>

6) How to make a commit?

Ans: git commit : the files which are ready for commit should be in stage area, to perform commit operation we use the following command.

Syntax : git command -m <some-message>

Ex 1 : git commit -m "first commit" // this will commit all the files present in stage area

Ex 2 : git commit -m "second commit" filename // this will commit only that file into local repository

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

Ans: git push : It is used to push the code from local repository to remote repository

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 get fetch + git merge) is how you update that local copy with new commits from the remote repository