

Git and GitHub Assignment(2)

Assignment(3)

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

Ans:- We can check if git is available on our system or not and also the version of git by the help of git version command.

Syntax:- git --version

2. How to initialize a new Git repository?

Ans:- By the help of git init command we can initialize a new Git repository

Syntax:- \$ git init -b main

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

Ans:- We can tell git about our name and email by the help of git config command .It help us to set the first time information in to git.

It has two command, one for user name and second for user email,

a. Git config --global user.name "Aditya"

b. Git config --global user.email "aditya62065@gmail.com"

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

Ans:- To add a file to the staging area we have to use git add command

Syntax:- git add <file-name>

If We want to push all the files in staging area at same time then we have to use following syntax:-

a. Git add .

b. Git add -a

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

Ans:- To remove a file from the staging area we have to use git rm command.

Syntax:- git rm --cached <file-name>

6. How to make a commit?

Ans:- For making a commit we have to use git commit command with a specific message .

Syntax :- git commit -m <message>

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

Ans:- To send the changes to a remote repository , we have to use git push command . firstly we have to add our remote repository link with the help of git remote add origin <link> command. then we push our code into remote repository.

Syntax:- git push

8. What is difference between clone and pull?

Ans:- Clone:- Get a copy of a project from a remote location (e.g GitHub) with this command.

Pull:- This command is used to pull **changes** from a repository.