# Git And Github Assignment 02

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

To see if Git is installed on your system, open your terminal and type git version. If your terminal returns a Git version as an output, that confirms you have Git installed on your system. If not, you have to download Git for Mac or Windows.

## 2.How to initialize a new Git repository?

To create a new Git repository, you'll use the git init command. Git init is a one-time command you use during the initial setup of a new repository. Executing this command will create a new.

## 3.How to tell Git about your name and email?

1- Open the command line
2-Set your username :git config --global user.name"user_name"
3-Set your email address: git config --global user.email "my_name@example.com"

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

You can add all the files in a repository to the staging area using the git add . command. Our staging area now contains all the changes we have made to our files.

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

To remove a file from the staging area, using the "git rm --cached <file_name>" command to remove the particular file. Lastly,ensure the deleted file by checking the status

## 6.How to make a commit?

To add a commit message to your commit, you will use the git commit command followed by the -m flag and then your messages should look something like this: git commit -m "add an anchor for the trial end sectionnn"

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

1-open github.com by providing the credentials.
2-create a new repoSitory and enter Qome name(repoSitory name) and click on create repository
3-To perform push operation we need to use the following command
git branch - main
git remote add origin https://github.com/NitinTechnolog!/Workspace.git
git push -u origin main

## 8.What is the different between clone and pull?

1- git pull
  It iQ uQed to fetch the lateQt changeQ made in the remote repoQitory to the working directory.
Syntax: git pull

2-git clone
It is used to clone the repoSitory to the working directory of the developer.
Syntax: git clone <url>