

ASSIGNMENT

- ① How to check if Git is available on your system?

We can check it by opening Command Prompt and typing `git --version`. If Git is installed this command will display the installed version of Git. If Git is not installed, you will see an error message.

- ② How to initialize a new Git Repository?

To create a new repo, you will use the `git init` Command -

- ③ How to tell git about your name and email, Git ~~Config~~ Config will set the developers identity like name, email id

```
> git config --global user.name "Nitin"
```

```
> git config --global user.email "JavabyNitin2022@gmail.com"
```

- ④ How to add a file to the staging area

To send the code from workspace to stage area we use the following Command (`git add`)

Syntax : `git add <file-name>`

- ⑤ How to remove a file from staging area

`git rm` is used to remove a file from staging area,

`git rm --cached <file-name>`

⑥ How to make a commit.

To perform commit operation we use the following command.

`git commit -m <some message>`

⑦ How to send your changes to a remote repository.
To push the commit from local repo to your remote repositories, run `git push -u remote -name branch -name`.

⑧ What is difference between clone and pull?
Git clone copies all files to the local machine, while git pull only copies the modified files to the local machine.