24 Jan 2023 Git and GitHub :

Assignment – Part 2

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

Ans→ By using command – git --version .

Que.2.→ How to initialize a new Git repository ?

Ans.→ → Create a new repository on GitHub.com .

→ Open Git Bash

→ Change the current working directory to your local project.

→ Use the init command to initialize the local directory as a Git repository.

→ Add the files in your local repository.

→ Commit the files that you've staged in your local repository.

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

Ans.→ Username : git config --global user.name "<your-username>".

The Email : git config --global user.email "<your-email>".

Que. 4.→ How to add a file to the stagging area?

Ans.→ Add files to the staging area by using the "git add" command and passing necessary options. Commit files to the local repository using the "git commit -m <message>" Command.

Que. 5.→ How to remove a file from the stagging area?

Ans.→ Command → git restore --staged <individual file>

or

git restore --stged

Que. 6.→ How to make a commit?

Ans.→ By using command → git commit -m "commit message".

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

Ans.→ → Click Push origin to push your local changes to the remote repository.

→ If GitHub Desktop prompts you to fetch new commits from the remote, click Fetch.

→ Optionally, click Create Pull Request to open a pull request and collaborate on your changes.

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