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

We have to run this command on terminal or command prompt:

    git --version

If Git is installed, this will display the installed version.

2. How to initialize a new Git repository?

To initialize a Git repository in a folder:

Open terminal on the desired folder and then write this command

    git init

This creates a .git folder in the current directory, making it a Git repository.

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

To configure name and email, we have to use this command :

    git config --global user.name "Your Name"

    git config --global user.email "your.email@example.com"

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

We have to use the git add command:

    git add filename

    git add . [to stage all the files in the current directory]

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

To unstage a file:

git reset filename

To unstage all files:

git reset

6. How to make a commit?

Commit changes with a message by using this command

git commit -m "commit message"

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

We can push commits to the remote repository by using this command

git push origin branch-name

8. What is the difference between clone and pull?

- git clone: Downloads a copy of a remote repository to your local machine for the first time. It
- git pull: Updates your local repository with the latest changes from the remote repository