- 1. **How to check if Git is available on your system?** To verify if Git is installed, open your terminal or command prompt and type:
- 2. git --version

If Git is installed, it will display the version number; otherwise, you'll need to install Git.

- 3. **How to initialize a new Git repository?** To create a new Git repository, navigate to the desired directory and run:
- 4. git unit

This initializes an empty Git repository in that folder.

- 5. How to tell Git about your name and email? Configure your name and email using:
- 6. git config --global user.name "Your Name"
- 7. git config --global user. Email "your@email.com"
- 8. **How to add a file to the staging area?** Use the following command to add a file to the staging area:
- 9. git add filename. Ext
- 10. How to remove a file from the staging area? To onstage a file, use:
- 11. git reset filename. Ext
- 12. How to make a commit? After staging changes, commit them with a descriptive message:
- 13. git commit -m "Your commit message"
- 14. How to send your changes to a remote repository? Push your local commits to a remote repository:
- 15. git push origin branch-name
- 16. What is the difference between clone and pull?
  - o **Clone**: Creates a copy of an entire remote repository locally.
  - o **Pull**: Updates your local repository with changes from the remote repository.