**Git basic commands**

1. **git init**
   * **Initializes a new Git repository in the current directory.**
2. **git clone <repository\_url>**
   * **Copies a Git repository from a remote source to your local machine.**
3. **git add <file>**
   * **Adds changes in a file to the staging area in preparation for a commit.**
4. **git add . or git add -A**
   * **Adds all changes in the working directory to the staging area.**
5. **git commit -m "Commit message"**
   * **Commits the staged changes to the local repository with a descriptive message.**
6. **git status**
   * **Displays the status of changes as untracked, modified, or staged.**
7. **git log**
   * **Shows a log of all commits, starting with the most recent.**
8. **git branch**
   * **Lists all local branches in the repository.**
9. **git branch <branch\_name>**
   * **Creates a new branch with the specified name.**
10. **git checkout <branch\_name>**
    * **Switches to the specified branch.**
11. **git checkout -b <branch\_name>**
    * **Creates and switches to a new branch in one command.**
12. **git merge <branch\_name>**
    * **Combines changes from the specified branch into the current branch.**
13. **git pull**
    * **Fetches changes from a remote repository and merges them into the current branch.**
14. **git push**
    * **Sends local commits to the remote repository.**
15. **git remote -v**
    * **Lists the remote repositories currently configured.**
16. **git fetch**
    * **Retrieves changes from a remote repository but does not merge them.**
17. **git diff**
    * **Shows the differences between the working directory and the last commit.**
18. **git reset <file>**
    * **Unstages changes for the specified file.**
19. **git rm <file>**
    * **Removes a file from both the working directory and the staging area.**
20. **git stash**
    * **Temporarily saves changes that are not ready to be committed.**

**Remember, these are concise notes, and the commands often have additional options and use cases. Refer to the Git documentation or use git --help for more detailed information on each command.**