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| COMMANDS | PROCESS |
| git init | Initialise git repository in specified directory |
| ls -lart | Give detailed list of files in pwd |
| git status | Gives the status of files which are staged unstaged or untracked |
| git config --global user.name sumit  git config --global user.email sumit@gmailcom | Define Author username for all commits by current user  Define author email for all commits by current user |
| Touch file.txt | Create a new file |
| Git add file.txt | Stage the changes or add updated file.txt in directory for next commit |
| git commit -m “msg” | Commit the staged things with msg msg |
| git add -A | Stage all the changes in directory for next commit |
| git log -2 | Display last commit history upto number what you have suggested |
| git diff | Show changes between working directory to staged directory |
| clear | Clear the window |
| git branch User2 | Create new branch user 2 |
| git checkout user2 | Switch the branch to specified branch |
| git merge user2 | Merge user2 into current branch |
| git log --grep=”h” | Search commits with msg specified |
| git remote add <name> <url> | Create connection with remote directory |
| git push <remote> <branch> | Push the branch to remote repository |
| git push <remote> --all | Push all branch to remote repository |
| git clone <repo-url> | Clone the repo to local machine |
| touch .gitignore  cat > .gitignore  filename | Create a git ignore directory  Ignore files in gitignore |