

# Git commands

Sunday, January 23, 2022 6:41 AM

## Starting git

1. **add user name**  
git config --global user.name "Rpc"
2. **add email**  
git config --global user.name "rpc7863@gmail.com"
3. **edit username and email**  
git config --global --edit

## Folder related commands

1. **create folder**  
mkdir folder\_name
2. **goto the folder**  
cd folder\_name
3. **show folder list**  
ls  
folder and hidden files  
ls -a

## Git command starts

1. **git init**  
make folder a git repo
  2. **\$ git status**  
this command shows all the changes in the repo
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3. `$ git add file_name`  
to add file in staging area  
file name can be (a.py ,a.java, a.html etc)
4. `$ git commit -m "initial commit"`  
it is use to commit the file into repo
5. `$ git log`  
to see number of commit
6. `$ git add .`  
to add all the file in staging area
7. `git checkout`  
`5206d881f4b850b2f2290d8865a0a62ab2346035`  
to go to the point where the different changes are made  
  
to go to the main branch  
`git checkout master`

## Git Branch

1. `git branch`  
it is use to check the total branches
2. `git branch new_branch_name`  
it is use to create new branch
3. `git checkout branch_name`

to switch in another branches

4. `git checkout -b new_branch_name`

it create new branch and checkout to the new brach

5. `git merge child_brach_name`

it is use to to merge the properties of child branch into parent branch