

Git tutorial

- ⇒ `ls` (list all the items in my folder)
- ⇒ `mkdir project` (it will make a project folder)
- ⇒ `cd project/` (changed directory to project)
- ⇒ `git init` (initialize an empty git repository)
- ⇒ `ls -a` (it will show all hidden files)
- ⇒ `ls .git` (You can see what is inside .git folder)
- ⇒ `touch names.txt` (touch will create a new file)
- ⇒ `git status` (it will show status/history, if there are untracked files, that means no one knows the file)
not in the history of project.
- ⇒ `git add .` (everything on the directory will be in the staging area)
- ⇒ `git add names.txt` / you can individually add the names as well
- ⇒ `git status` (it will be green)
- ⇒ `git commit -m "names.txt file added"`

message) (-m means

DEC 2021 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31

- vi names.txt (it will open an editor, you can write anything in insert mode (i), save it (:x))
- cat names.txt (you can view whatever inside names.txt)
- git status (there will be a modified file red sign)
- git add.
- git restore --staged names.txt (whatever things were added due to add., they will be again thrown out of staged area)
- git status (will show modified things)
- git add.
- git commit -m " "
- git log (it will show the full history of the project)
- rm -rf names.txt (it will remove the file names.txt)
- git status (it will show deleted file)
- git add.
- git commit -m " "
- git log

S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	JAN							
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	2022

⇒ if you want to remove the upper two commits, then copy the hashid of the last commit (third one) ↑

⇒ git reset (hashid) (it will reset)

→ git log (i will see only one commit now)

the files which were deleted will be on the unstaged area.

→ git status

→ touch surnames.txt

→ git add.

→ git status (it will show renamed)

→ vi surnames.txt

→ touch houses.txt

→ git add.

→ git status

(i don't want to commit these and i don't want to lose these files)

⇒ git stash

→ git status

→ git log (it will be like what was at first)

⇒ git stash pop

(it will show all the changes that were made previously)

DEC
2021

W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24

→ git add.

→ git stash

WEDNESDAY

⇒ git stash clear (those commits you'd made previously
they are gone now)