

GitHUB

- * `git config --global user.name "Name"`
 - * `git config --global user.email "codewithhenetic"`
 - * `git init` - initialize repository
(Normal folder ko repository mai convert)
→ isko initialize krke `.git` folder banata hai
jisme meta data hota hai of git repository
 - * `git status` - show modified files in working directory,
staged for the next commit.
 - * `git clone (URL)` - kisi or ki repo ko clone karna
- (R) repository → (committed changes / final changes)
(wd) working directory → (temporary changes)
(si) staging index → (about to commit)
- wd $\xrightarrow{\text{git add}}$ si $\xrightarrow{\text{git commit}}$ repository

- * `git log` - Ye batata hai ki total kitne commit hue.

SHA id → commit id eg:- 542aec46aabc690

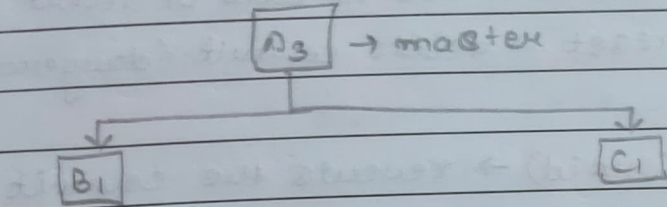
`git log -2` → top 2 commit (latest)

`git log -3` → top 3 commit (latest)

** 'q' press karke bahar aate hai

- * `git log --oneline` → one line mai list kar sktte hai kuch specific info
- * `git log ^ -p` → sari info of git log and actual changes of all files.
- * `git log --stat` → Ye batata hai names of all modified files along with commit.
- * `git show (SHA id)` → details about a particular commit.
- * `git add` → add file to track.
 - ↳ New file → track
 - ↳ old file → staging index.
- * `git commit -m "message"` → to commit and give message.
- * `git diff (file name)` → Ye batata hai ki konsi line mai new changes kiye.
- * `git restore (file name)` → to remove unwanted modification.
- * `.gitignore` → iski file alge se banao and iske ander (*) ke sath jis file ko ignore karana hai uska extension
eg:- *.txt, *.ppt

- * `git branch (name)` → to add a new branch
- * `git checkout` → to switch from one branch to other



- * `git checkout -b (name)` → New branch bhi banjayegi or usmai switch bhi ho jayega.
- * `git merge (name)` → To merge the branch to master
- * `git branch -d (name)` → To delete branch.

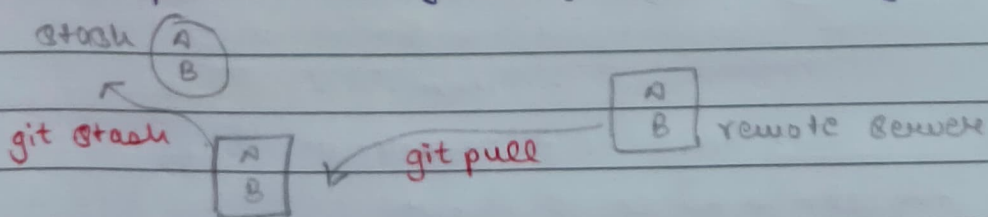
** Agr merge ka issue aaye tho manually edit krke resolve karlo and then run this.

- * `git commit -am (message)` → direct add and message.

- * `git tag -a (name) sha id -m (message)`
→ Simply tag kaarna

- * `git pull` → Get updated files from server.

- * `git stash` → Jab remote server pe same file mai change hua ho jismai tumhe ki ho to this help to store your file temporarily.



- * `git stash list` → to view files in stash
- * `git stash apply` → Apni files v8 lane ko

undo commit

- `git commit --amend` → amend the most recent commit
- `git revert` → sud id bato or revert hogega
- `git reset` → delete commit (dangerous)

* `git revert (sud id)` → reverts the commit and leaves a history behind

* `git reset --soft (id)` → modifi showed in ^{staging} index
" `--mixed` " →
" `--hard` " → discard local changes

* `git commit --amend`

- ↪ i press karke insert krna new
- ↪ `Esc` → : wq to exit.