**Git Tags**

**Idea Behind Git Tags:**

Hum commits ko label kr skty hein git tags ki madad se.

**Semantic Versioning:**

🡪 1.0.0 : Initial Release

🡪 Major Release. Minor Release. Patch Release

* Patch Release: ye wo release hoty hein jiska user ke experience se koi lena dena ni hy ye frequently hoty rehty hein koi chota mota bug fix kr dena etc.
* Minor Release: New functionality and new features added. Or jab b minor release hogi to patch release ka number back to 0 hojyega.
* Major release: features maybe removed. Or jab major release hogi tab minor or patch ka number back to 0 hojyega.

🡪 git tag : ye command likh k hum tags view kr skty hein current repository ke.

**Filter tags:** git tag –L “\*beta\*”

**Lightweight tags:**

Ye bs piece of text hoty hein jb k annotated tags me mazeed information b hoti hy.

* Git tag <tagname> : ye command use kr k lightweight tags bna skty hein hum.
* Tag sb se latest commit k sath lgta hy jb upper di gyi command run ki jye. Previous commits k liye command thori change hy.
* Annotated tag lgane k liye: git tag -a <tagname>
* Git show <tagname> : tag ki information dekhne k liye ye command use hoti hy.

**How to Tag Previous Commits:**

* Git tag <tagname> <commithash>

**Move Tags:**

* Git tag <tagname> <commithash> -f

**Deleting Tags:**

* Git tag -d <tagname>

**Pushing Tags:**

* Git push <remote> <tag>
* Git push <remote> --tags