**Tags in Github:**

Tags are used tomark an individual point in your repository's history, including a version number for a release.

1. There are two types of tags available in Github.

* Light weight
* Annotated

1. Light weight tag does not contain any history. It is simply used for marking quickly.
2. Generally, we are using annotated tags in our work.
3. The annotated tags contain details such as:
   1. Tagger’s name
   2. Tagger’s email id.
   3. Tagging time.

These data can be used for future purpose.

1. To create a light weight tag, use “git tag <tag\_name>.

Here, <tag\_name> is the version given to the application. **For ex:** v1.0.0

1. To display details of tag, use “git show <tag\_name>.

It displays various details about tag.

1. To create annotated tag, use

“git tag -a <tag\_name> -m “any msg related to tag or application or task”.

Here -a denotes annotation and -m denotes message.

1. Now to show tag detatils, follow step 6. Since this time we use annotated tag, the git show cmd additional details like msg, tagger name, tagging time, tagger email id.
2. To push tag from local to remote repository, use:

“git push origin <tag\_name>”

1. Now we can open the github and our newly created and push tag will be ready to use.