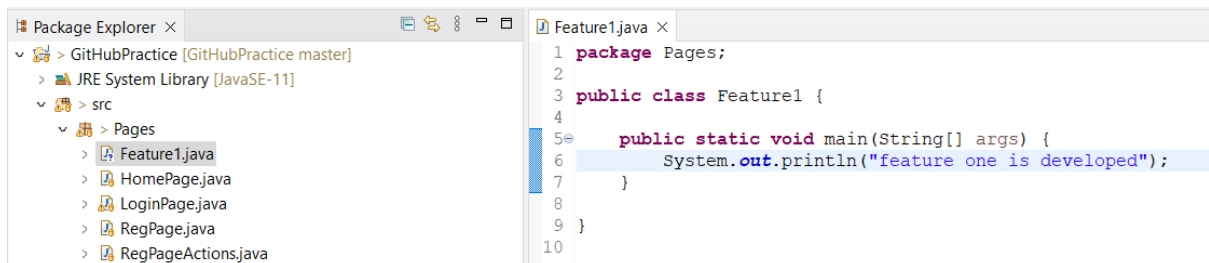


GIT Tag and Releases

GIT Tag and Releases

Added new file-



```
karan@LAPTOP-H560VJTV MINGW64 /e/Naveen_GIT_Training/GIT_Training/GitHubPractice (master)
$ git status
On branch master
nothing to commit, working tree clean

karan@LAPTOP-H560VJTV MINGW64 /e/Naveen_GIT_Training/GIT_Training/GitHubPractice (master)
$ git status
On branch master
Untracked files:
  (use "git add <file>..." to include in what will be committed)
        src/Pages/Feature1.java

nothing added to commit but untracked files present (use "git add" to track)

karan@LAPTOP-H560VJTV MINGW64 /e/Naveen_GIT_Training/GIT_Training/GitHubPractice (master)
$ git add .

karan@LAPTOP-H560VJTV MINGW64 /e/Naveen_GIT_Training/GIT_Training/GitHubPractice (master)
$ git commit -m "feature 1 is added"
[master 9825329] feature 1 is added
1 file changed, 9 insertions(+)
create mode 100644 src/Pages/Feature1.java

karan@LAPTOP-H560VJTV MINGW64 /e/Naveen_GIT_Training/GIT_Training/GitHubPractice (master)
$ |
```

Tag a commit-

```
karan@LAPTOP-H560VJTV MINGW64 /e/Naveen_GIT_Training/GIT_Training/GitHubPractice (master)
$ git tag v1.0

karan@LAPTOP-H560VJTV MINGW64 /e/Naveen_GIT_Training/GIT_Training/GitHubPractice (master)
$ |
```

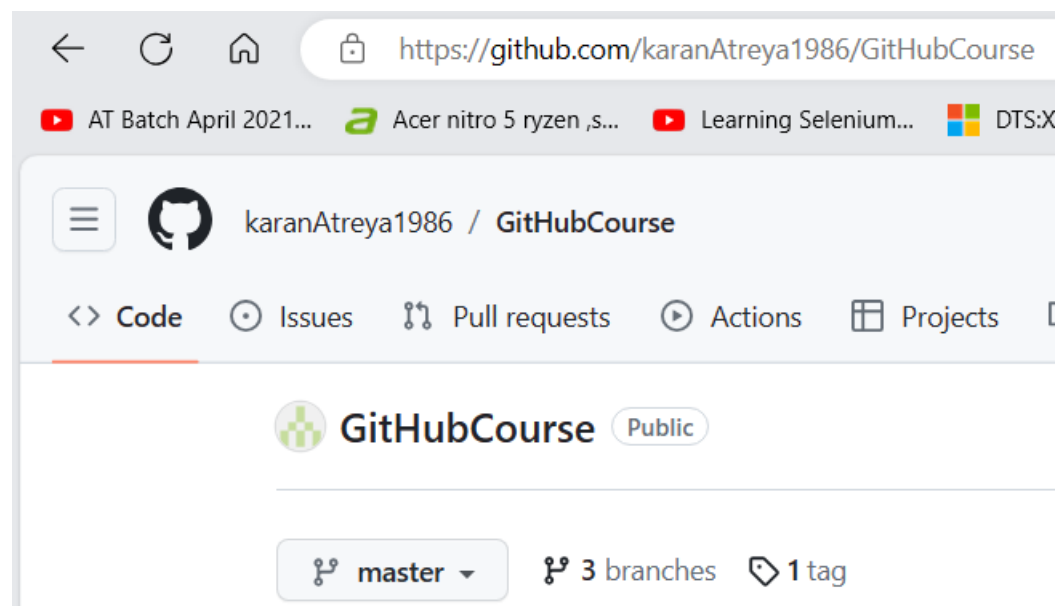
Push tag to remote-

```
karan@LAPTOP-H560VJTV MINGW64 /e/Naveen_GIT_Training/GIT_Training/GitHubPractice (master)
$ git push origin v1.0
Enumerating objects: 8, done.
Counting objects: 100% (8/8), done.
Delta compression using up to 12 threads
Compressing objects: 100% (5/5), done.
Writing objects: 100% (5/5), 548 bytes | 548.00 KiB/s, done.
Total 5 (delta 1), reused 0 (delta 0), pack-reused 0
remote: Resolving deltas: 100% (1/1), completed with 1 local object.
To https://github.com/karanAtreya1986/GitHubCourse.git
 * [new tag]         v1.0 -> v1.0

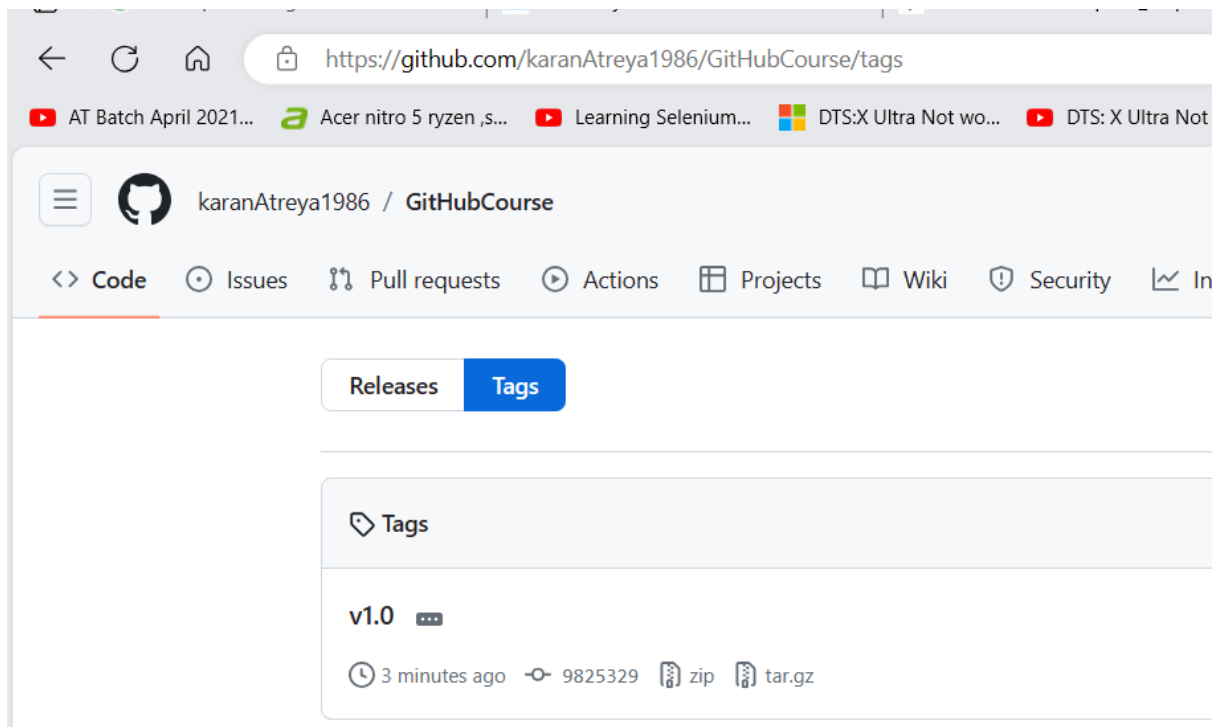
karan@LAPTOP-H560VJTV MINGW64 /e/Naveen_GIT_Training/GIT_Training/GitHubPractice (master)
$
```

Refresh git-

Tag created.

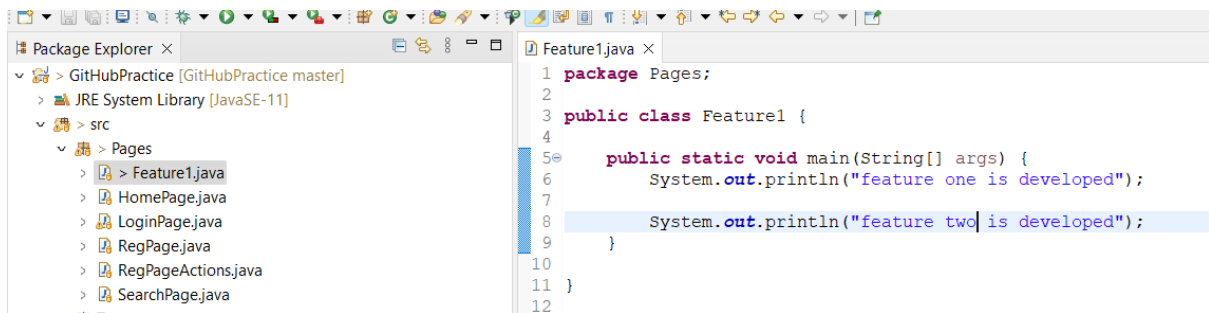


Click on it and we can see the tags here.



Every tag has zip files for code download.

Now add more code to the same file-



```

MINGW64:/e/Naveen_GIT_Training/GIT_Training/GitHubPractice
karan@LAPTOP-H560VJTV MINGW64 /e/Naveen_GIT_Training/GIT_Training/GitHubPractice (master)
$ git status
On branch master
Changes not staged for commit:
  (use "git add <file>..." to update what will be committed)
  (use "git restore <file>..." to discard changes in working directory)
        modified:   src/Pages/Feature1.java

no changes added to commit (use "git add" and/or "git commit -a")

karan@LAPTOP-H560VJTV MINGW64 /e/Naveen_GIT_Training/GIT_Training/GitHubPractice (master)
$ git add .

karan@LAPTOP-H560VJTV MINGW64 /e/Naveen_GIT_Training/GIT_Training/GitHubPractice (master)
$ git commit -m "feature 2 is added"
[master 2a8c1e0] feature 2 is added
 1 file changed, 2 insertions(+)

karan@LAPTOP-H560VJTV MINGW64 /e/Naveen_GIT_Training/GIT_Training/GitHubPractice (master)
$ git tag v2.0

karan@LAPTOP-H560VJTV MINGW64 /e/Naveen_GIT_Training/GIT_Training/GitHubPractice (master)
$ git push origin v2.0
Enumerating objects: 9, done.
Counting objects: 100% (9/9), done.
Delta compression using up to 12 threads
Compressing objects: 100% (5/5), done.
Writing objects: 100% (5/5), 498 bytes | 498.00 KiB/s, done.
Total 5 (delta 2), reused 0 (delta 0), pack-reused 0
remote: Resolving deltas: 100% (2/2), completed with 2 local objects.
To https://github.com/karanAtreya1986/GitHubCourse.git
 * [new tag]         v2.0 -> v2.0

karan@LAPTOP-H560VJTV MINGW64 /e/Naveen_GIT_Training/GIT_Training/GitHubPractice (master)
$

```

Refresh git-

← ↻ 🏠 <https://github.com/karanAtreya1986/GitHubCourse/tags>

AT Batch April 2021... Acer nitro 5 ryzen ,s... Learning Selenium... DTS:X Ultra Not wo... DTS: X Ultra Not W... smart p

☰ karanAtreya1986 / GitHubCourse

<> Code Issues Pull requests Actions Projects Wiki Security Insights Se

Releases Tags

Tags

v2.0 ...

🕒 now 🔗 2a8c1e0 📦 zip 📦 tar.gz

v1.0 ...

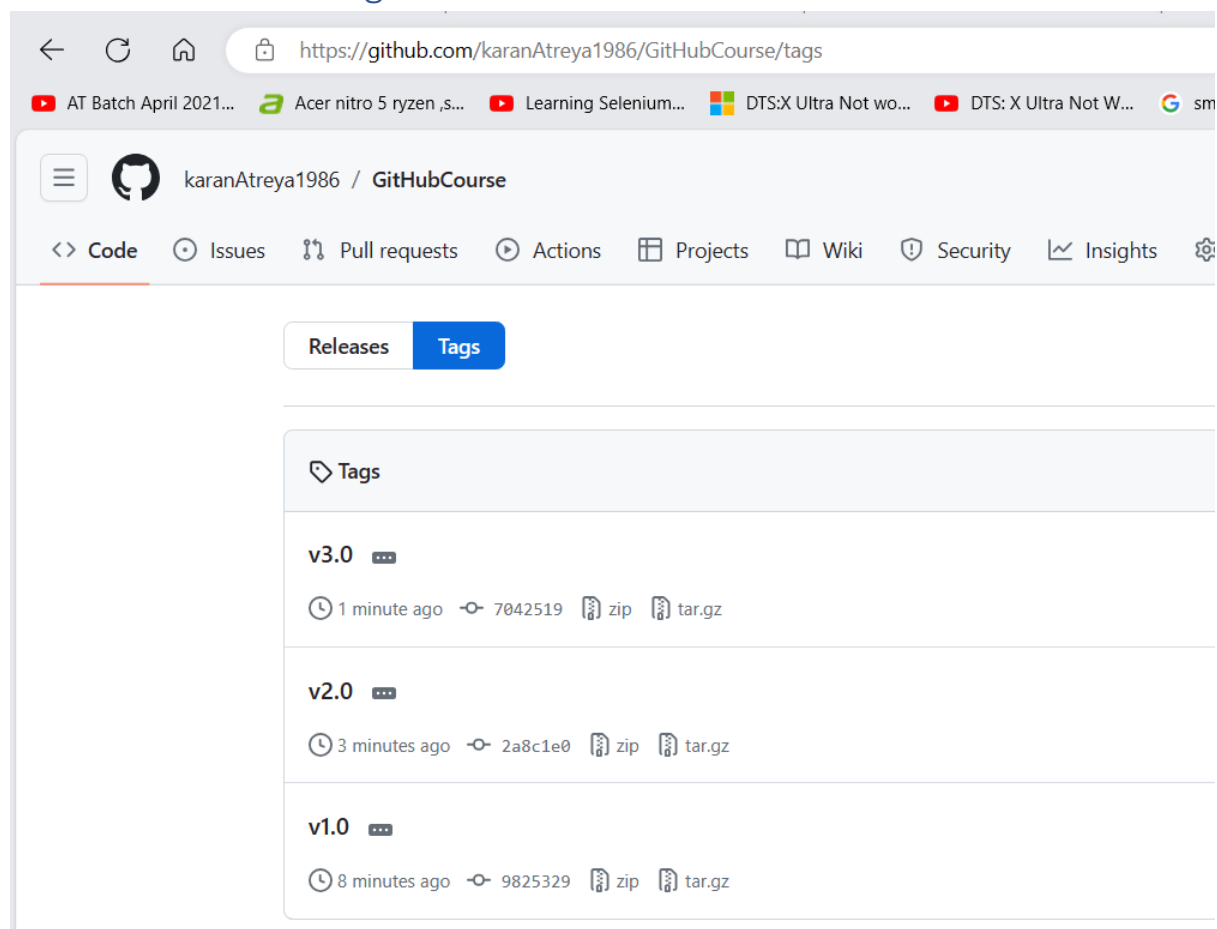
🕒 5 minutes ago 🔗 9825329 📦 zip 📦 tar.gz

If we don't add double quotes to commit message then our command is stuck and we need to press "control+c" to write it again-

```
karan@LAPTOP-H560VJTV MINGW64 /e/Naveen_GIT_Training/GIT_Training/GitHubPractice (master)
$ git commit -m "Feature three is developed"
>
> q
> ^C

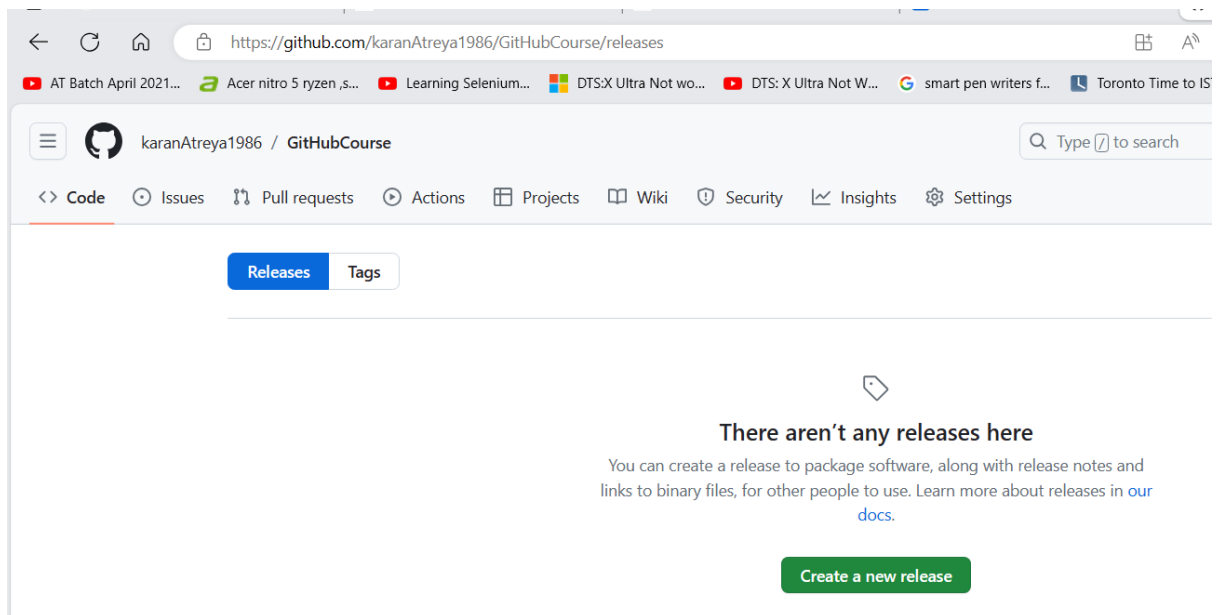
karan@LAPTOP-H560VJTV MINGW64 /e/Naveen_GIT_Training/GIT_Training/GitHubPractice (master)
$ git commit -m "feature three is developed"
[master 7042519] feature three is developed
1 file changed, 2 insertions(+)
```

Created one more tag-

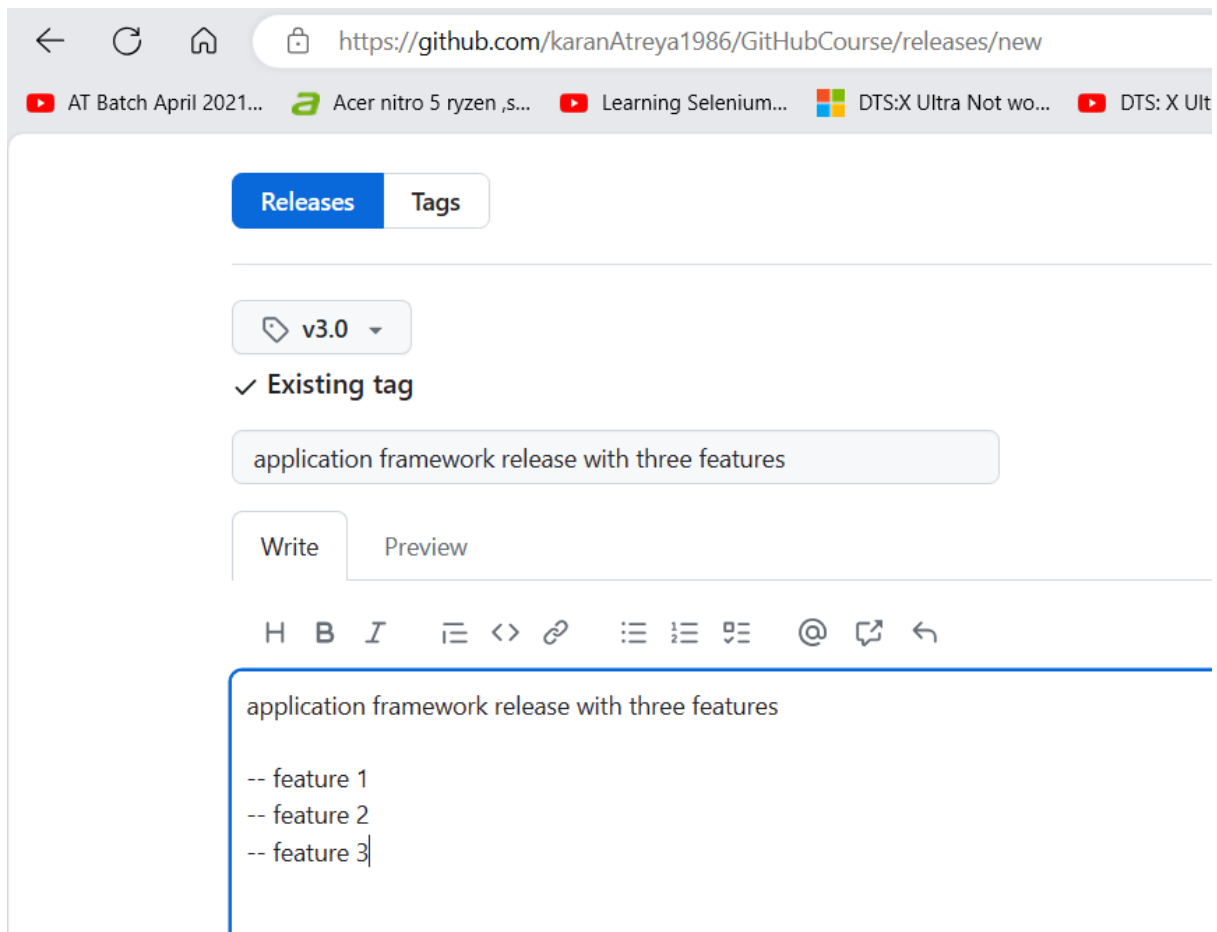


Creating release version of the application-

Click release and click create release.

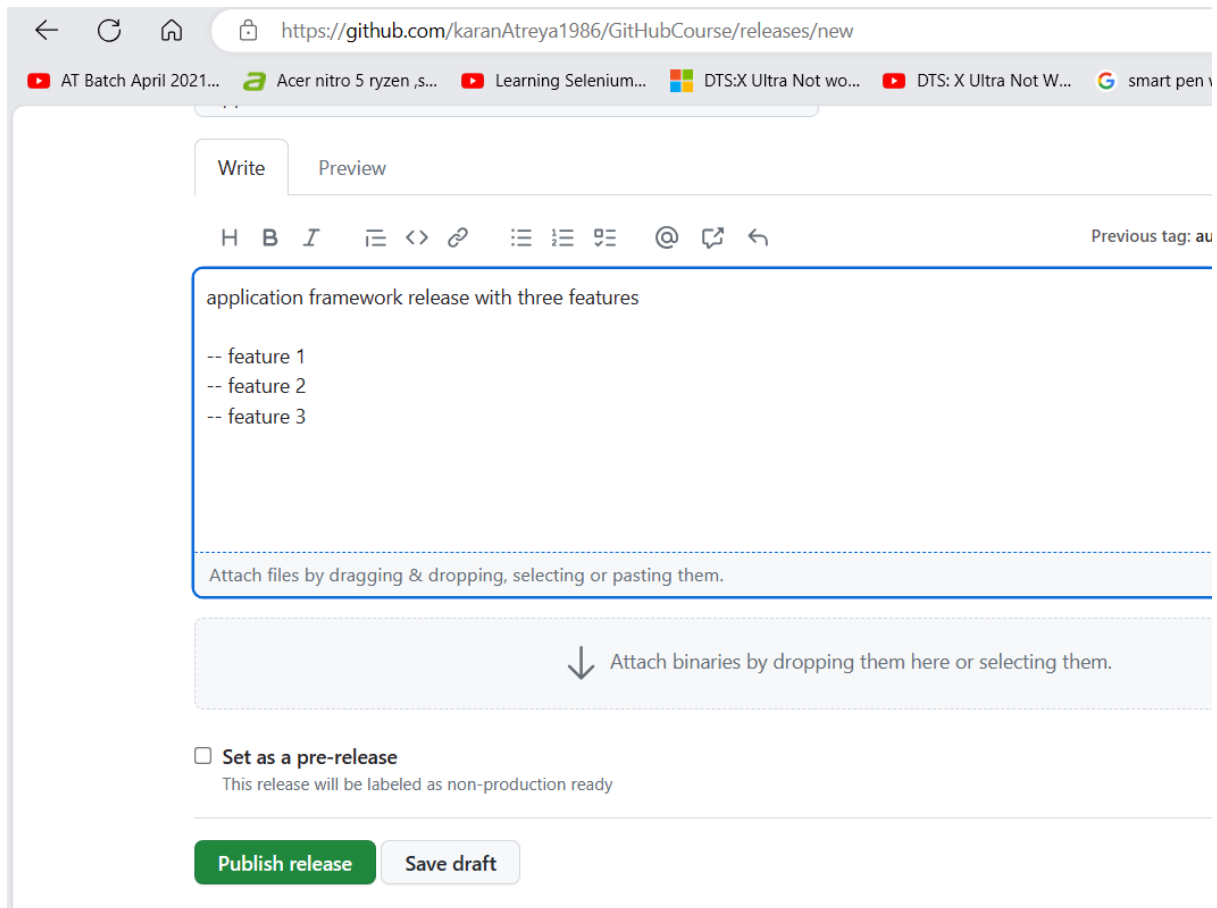


Give details-



Pre-release –

Means you want to release in beta or qa, in short before production.



https://github.com/karanAtreya1986/GitHubCourse/releases/new

Write Preview

H B I @ Previous tag: au

application framework release with three features

- feature 1
- feature 2
- feature 3

Attach files by dragging & dropping, selecting or pasting them.

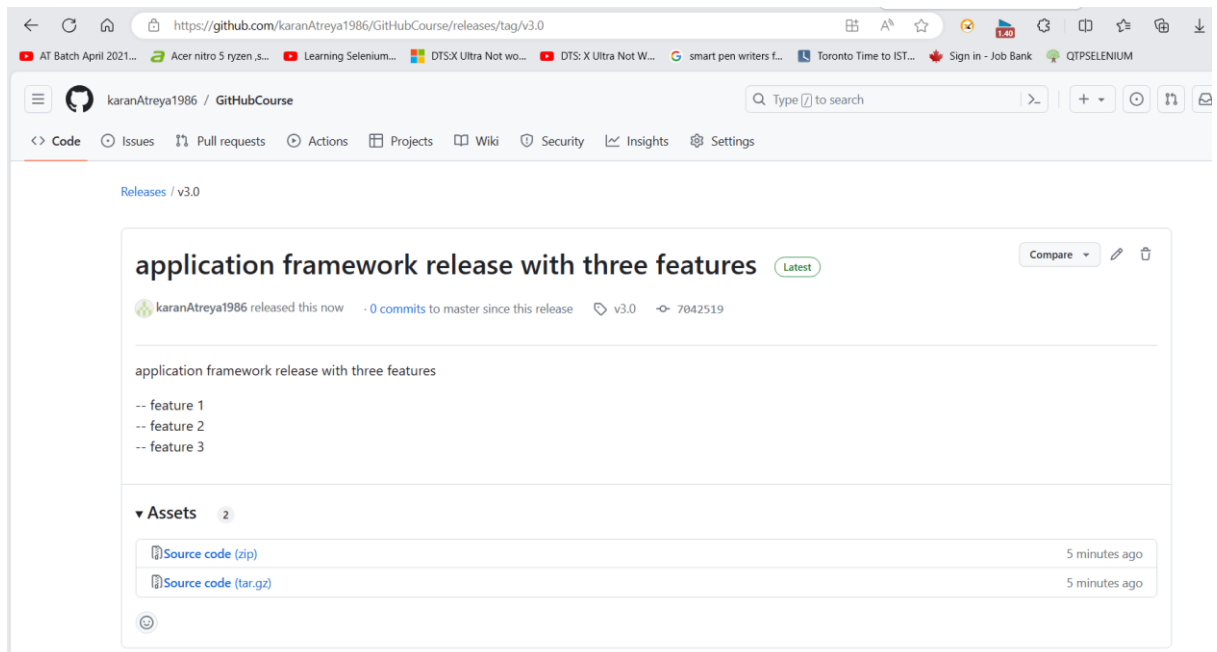
↓ Attach binaries by dropping them here or selecting them.

☐ Set as a pre-release
This release will be labeled as non-production ready

Publish release Save draft

Click publish.

Released-



https://github.com/karanAtreya1986/GitHubCourse/releases/tag/v3.0

karanAtreya1986 / GitHubCourse

Releases / v3.0

application framework release with three features Latest

karanAtreya1986 released this now · 0 commits to master since this release v3.0 7042519

application framework release with three features

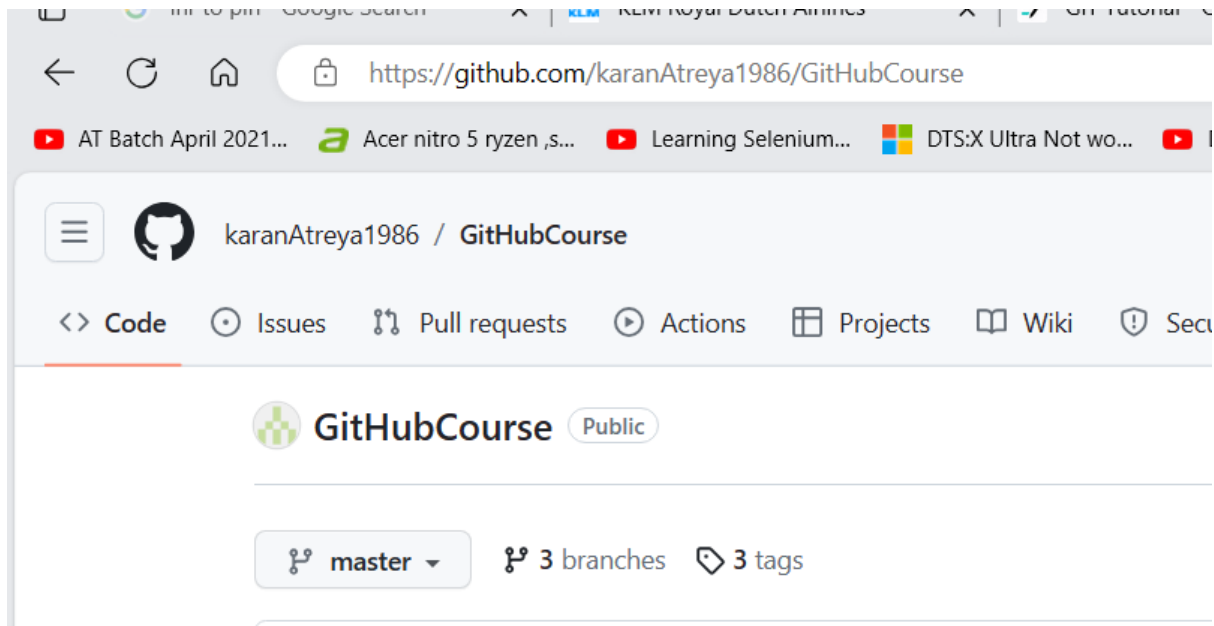
- feature 1
- feature 2
- feature 3

▼ Assets 2

Source code (zip)	5 minutes ago
Source code (tar.gz)	5 minutes ago

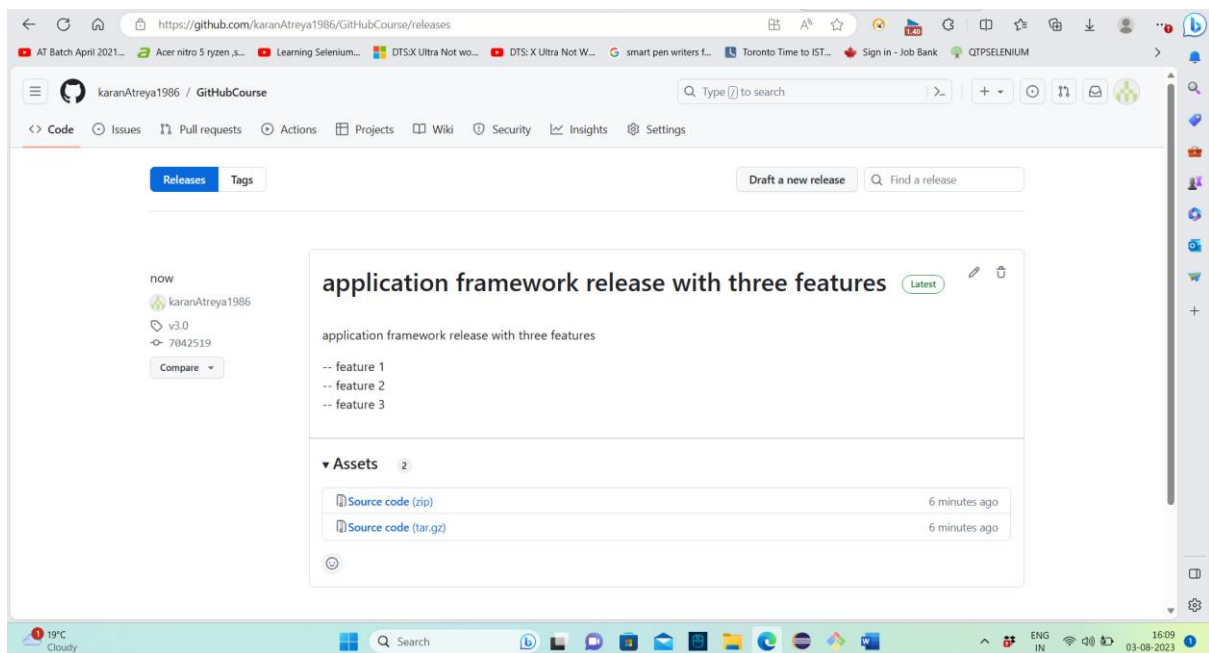
Go back to project.

Click tags



Click release

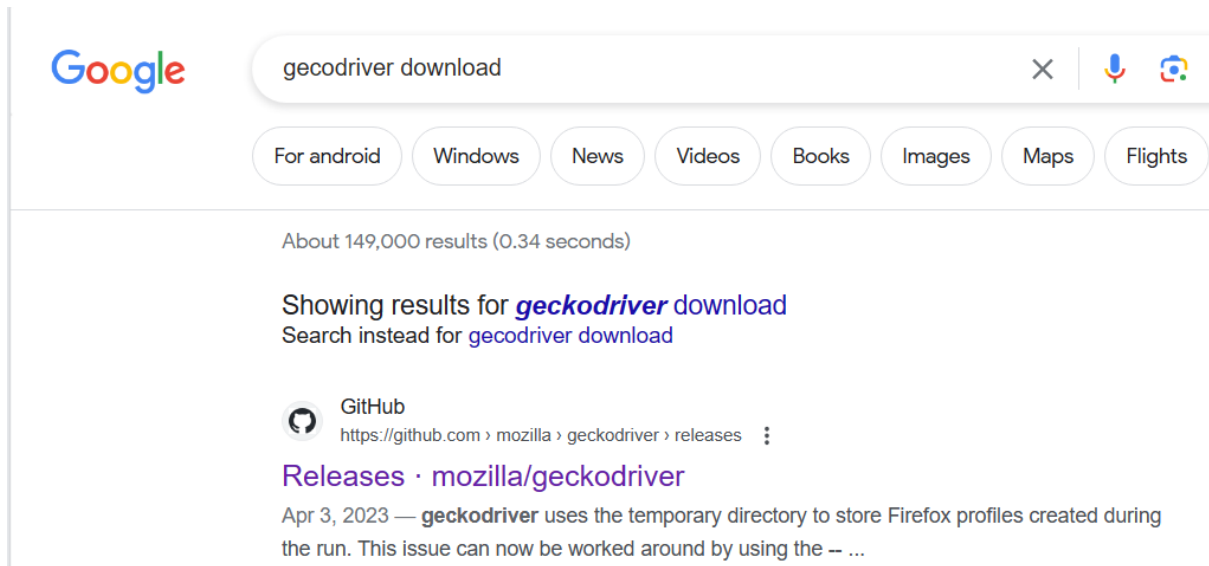
Then we can see our source code.



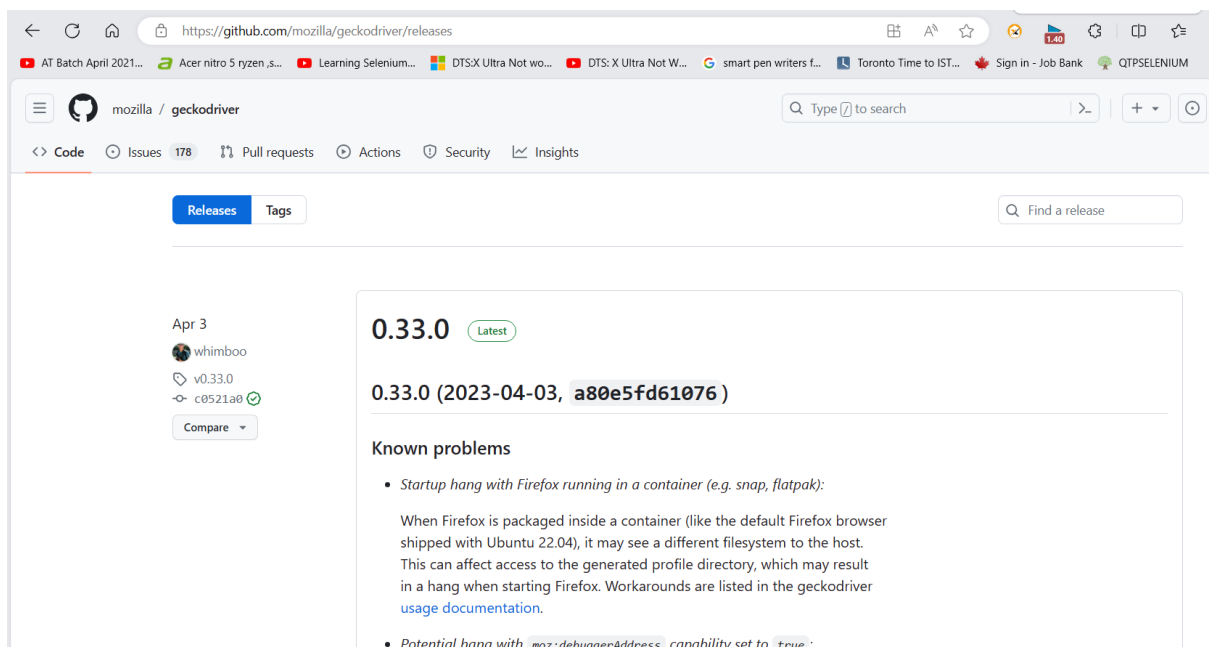
Its marked with latest word which means that is the recent release version which is ready.

Real time example-

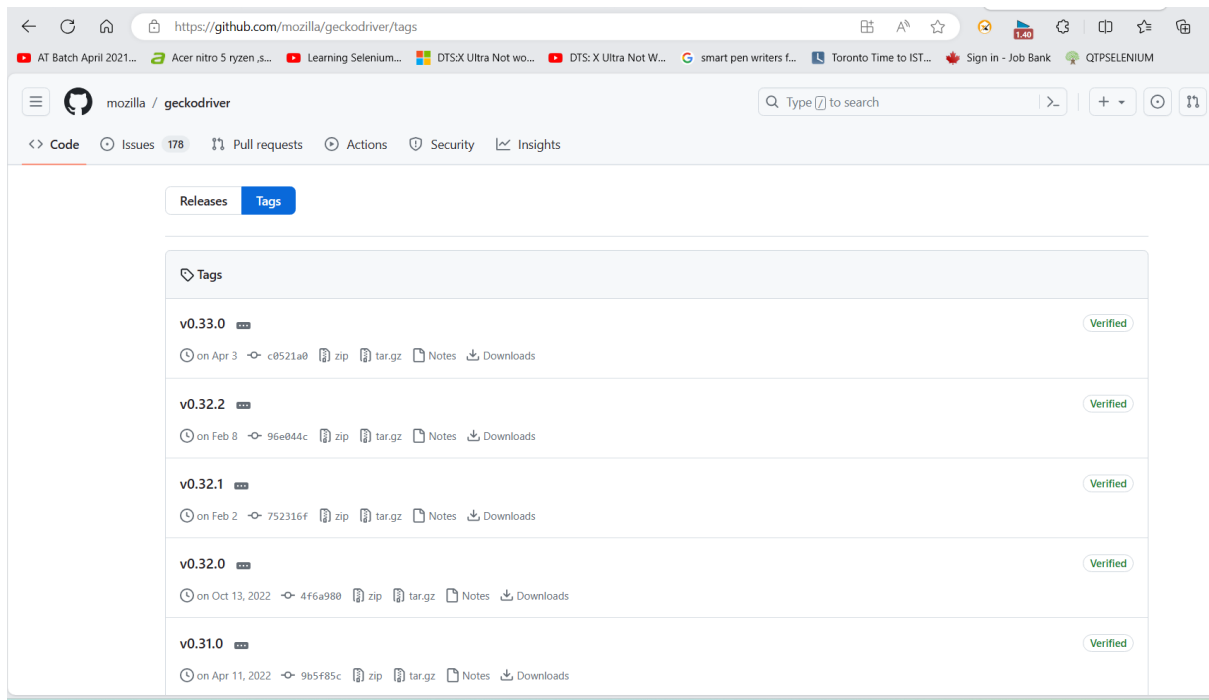
Search for below:



Similar kind of release page prepared-



Similar kind of tags-



To see list of tags-

```
MINGW64:/e/Naveen_GIT_Training/GIT_Training/GitHubPractice
karan@LAPTOP-H560VJTV MINGW64 /e/Naveen_GIT_Training/GIT_Training/GitHubPractice (master)
$ git tag
v1.0
v2.0
v3.0

karan@LAPTOP-H560VJTV MINGW64 /e/Naveen_GIT_Training/GIT_Training/GitHubPractice (master)
$ |
```

Delete tag-

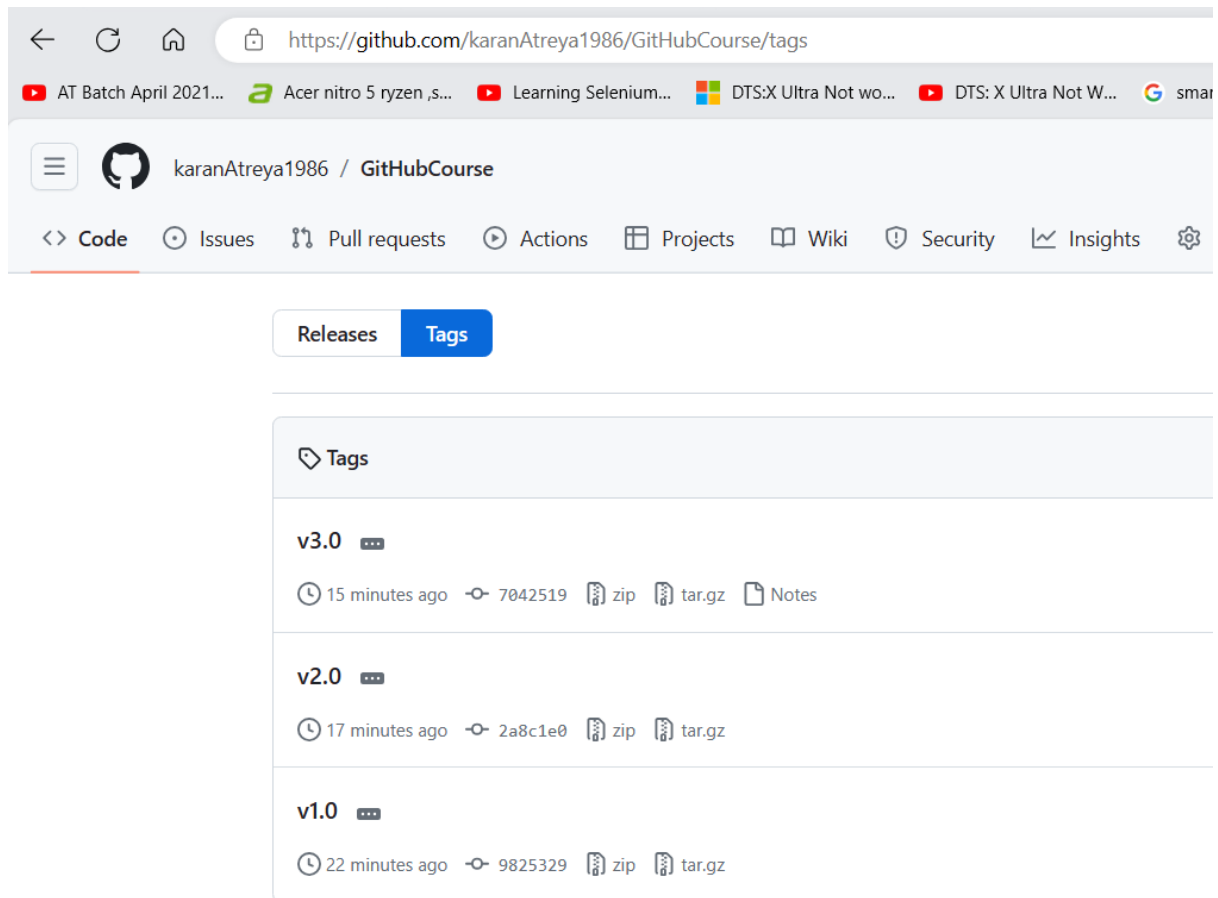
```
karan@LAPTOP-H560VJTV MINGW64 /e/Naveen_GIT_Training/GIT_Training/GitHubPractice (master)
$ git tag -d v2.0
Deleted tag 'v2.0' (was 2a8c1e0)

karan@LAPTOP-H560VJTV MINGW64 /e/Naveen_GIT_Training/GIT_Training/GitHubPractice (master)
$ |
```

```
karan@LAPTOP-H560VJTV MINGW64 /e/Naveen_GIT_Training/GIT_Training/GitHubPractice (master)
$ git tag
v1.0
v3.0

karan@LAPTOP-H560VJTV MINGW64 /e/Naveen_GIT_Training/GIT_Training/GitHubPractice (master)
$
```

But tags already pushed to remote end so it will not get removed from there-



The screenshot shows a web browser window with the URL <https://github.com/karanAtreya1986/GitHubCourse/tags>. The browser's address bar and tabs are visible at the top. Below the browser window, there is a navigation bar for the repository 'karanAtreya1986 / GitHubCourse'. The 'Code' tab is selected. Below the navigation bar, there are two tabs: 'Releases' and 'Tags'. The 'Tags' tab is active, showing a list of three tags: v3.0, v2.0, and v1.0. Each tag entry includes a clock icon indicating the time since the tag was created, a key icon followed by a commit hash, and icons for downloading the source code as a zip file or a tar.gz file. Additionally, the v3.0 tag has a 'Notes' link.

Tag	Time	Commit Hash	Download Options
v3.0	15 minutes ago	7042519	zip, tar.gz, Notes
v2.0	17 minutes ago	2a8c1e0	zip, tar.gz
v1.0	22 minutes ago	9825329	zip, tar.gz