

Fork and Pull

Objective for Exercise

- To fork a repository in GitHub
- To make changes to the forked repository and commit the changes
- To create pull requests

Note: These instructions works on BASH terminal on Windows & Mac terminals.

How to fork a repository and commit the fork repository and create a pull request.

Open the link: https://github.com/romeokienzler/TensorFlow/

Click 'Fork' and copy the repository in your account.

Copy the SSH Repository Link and clone it locally using:

git clone yoursshrepolink

```
Skill07@DESKTOP-FR7C17B MINGW64 ~/Downloads/demo_test1 (master)
$ git clone git@github.com:mskill/TensorFlow.git
Cloning into 'TensorFlow'...
remote: Enumerating objects: 125, done.
remote: Total 125 (delta 0), reused 0 (delta 0), pack-reused 125
Receiving objects: 100% (125/125), 205.00 KiB | 290.00 KiB/s, done.
Resolving deltas: 100% (52/52), done.

Skill07@DESKTOP-FR7C17B MINGW64 ~/Downloads/demo_test1 (master)
$ cd TensorFlow
```

Open and edit any file in the editor.

After saving the file,

git add .

And commit the changes with the message:

```
git commit -m "message"
```

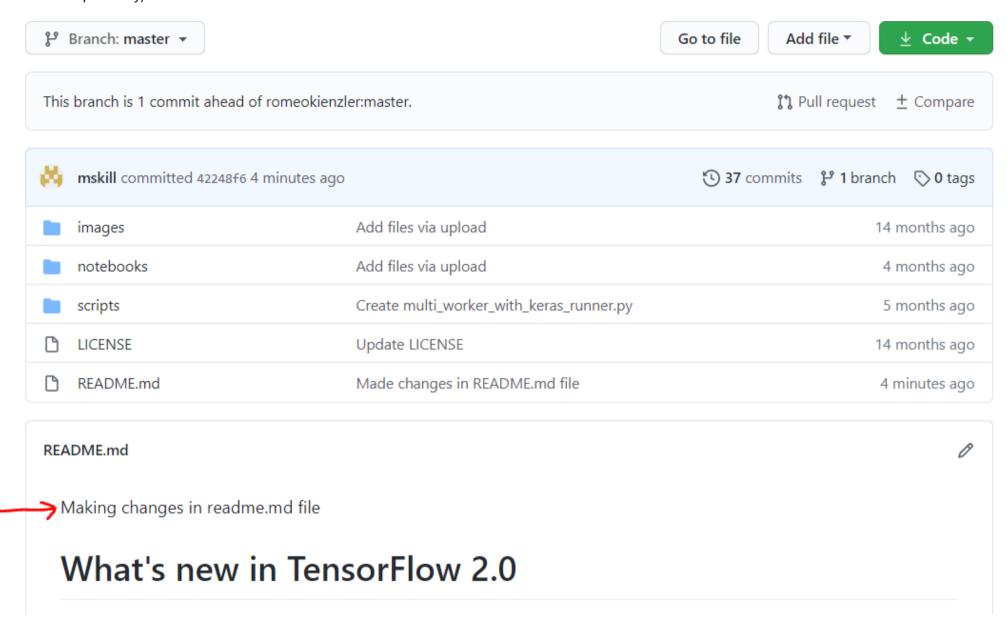
```
Skill07@DESKTOP-FR7C17B MINGW64 ~/Downloads/demo_test1/TensorFlow (master)
$ git add .

Skill07@DESKTOP-FR7C17B MINGW64 ~/Downloads/demo_test1/TensorFlow (master)
$ git commit -m "Made changes in README.md file"
[master 42248f6] Made changes in README.md file
1 file changed, 2 insertions(+)
```

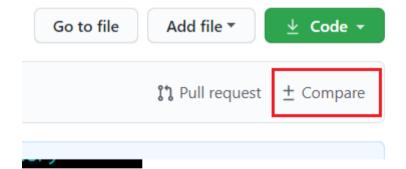
git push to make the changes in remote repository

```
Skill07@DESKTOP-FR7C17B MINGW64 ~/Downloads/demo_test1/TensorFlow (master)
$ git push
Enumerating objects: 5, done.
Counting objects: 100% (5/5), done.
Delta compression using up to 4 threads
Compressing objects: 100% (3/3), done.
Writing objects: 100% (3/3), 332 bytes | 332.00 KiB/s, done.
Total 3 (delta 2), reused 0 (delta 0)
remote: Resolving deltas: 100% (2/2), completed with 2 local objects.
To github.com:mskill/TensorFlow.git
    f8b444a..42248f6 master -> master
```

Check the repository, it is added



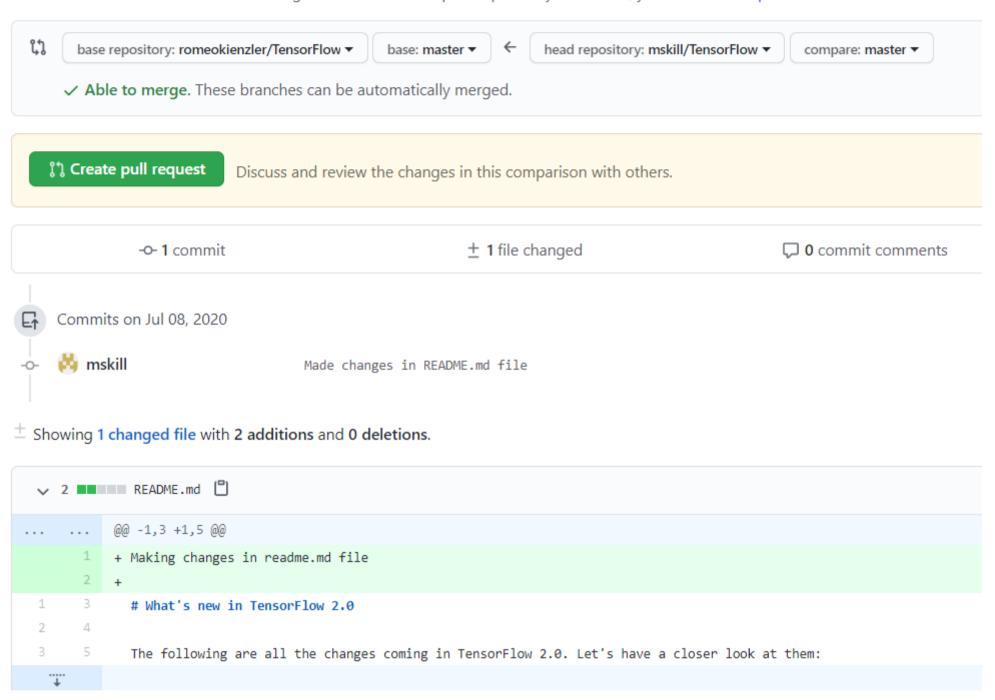
Click 'Compare' to compare the changes.



NOTE: This request will go to AUTHOR of the repository and if the changes looks good, only then the original repository can get the changes.

Comparing changes

Choose two branches to see what's changed or to start a new pull request. If you need to, you can also compare across forks.



Create a Pull request to make the changes in the original file.

Note: The pull request will now send to the author of the repository and if accepted the changes will be made to the original repository.

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Changelog

| Date | Version | Changed by | Change Description |
|------------|---------|------------|---|
| 2020-08-25 | 2.0 | Lavanya | Migrated Lab to Markdown and added to course repo in GitLab |

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