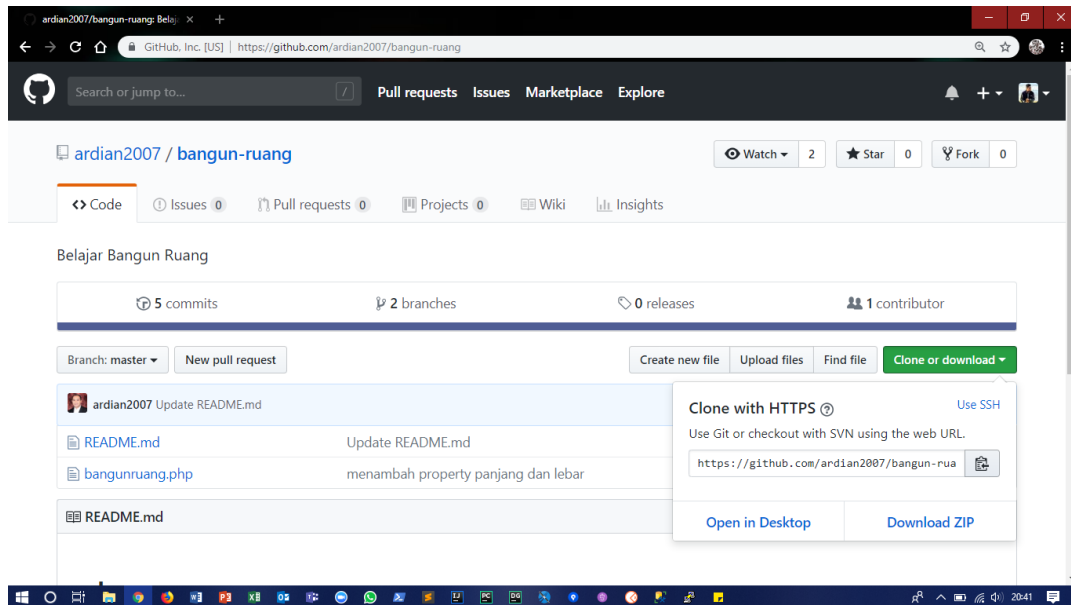


Dependencies to control version :

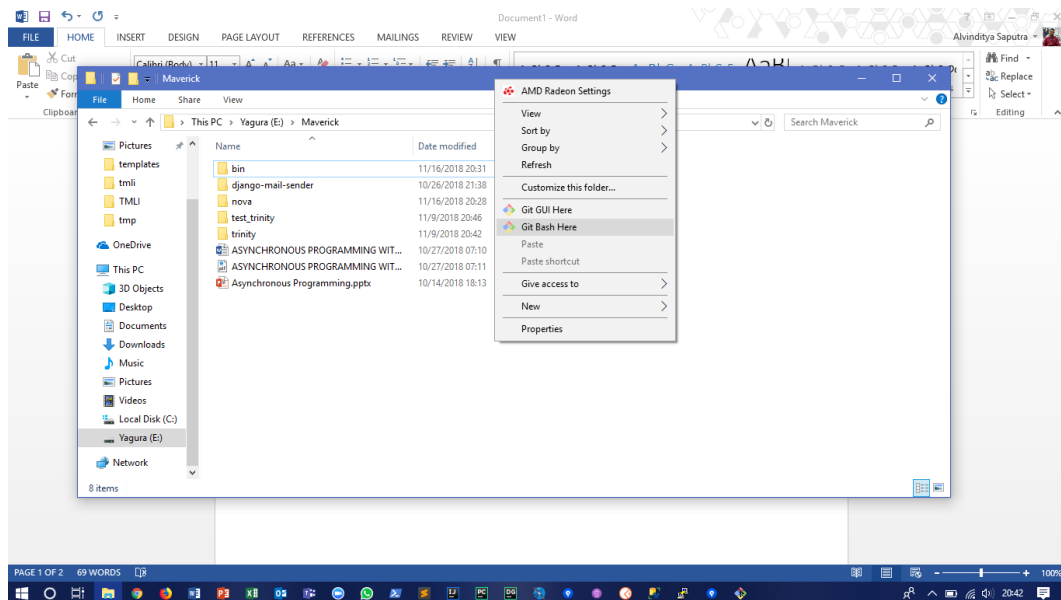
1. Install Git in your desktop
2. Use commits tracker => Sourcetree, GitKraken, Git Tower (Paid)
3. Clone repository with git bash => git clone "url repository"

How to use version control :

1. Open browser then go to repository



2. Copy url clone or download then paste it into git bash



```
MINGW64:/e/Maverick

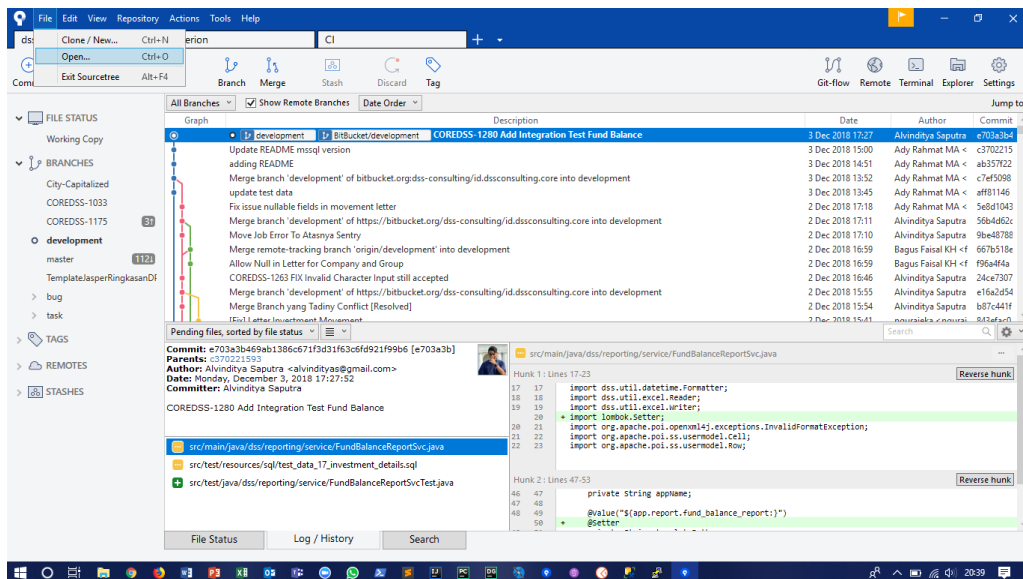
Maverick@DESKTOP-QRHGT49 MINGW64 /e/Maverick
$ git clone https://github.com/ardian2007/bangun-ruang.git
```

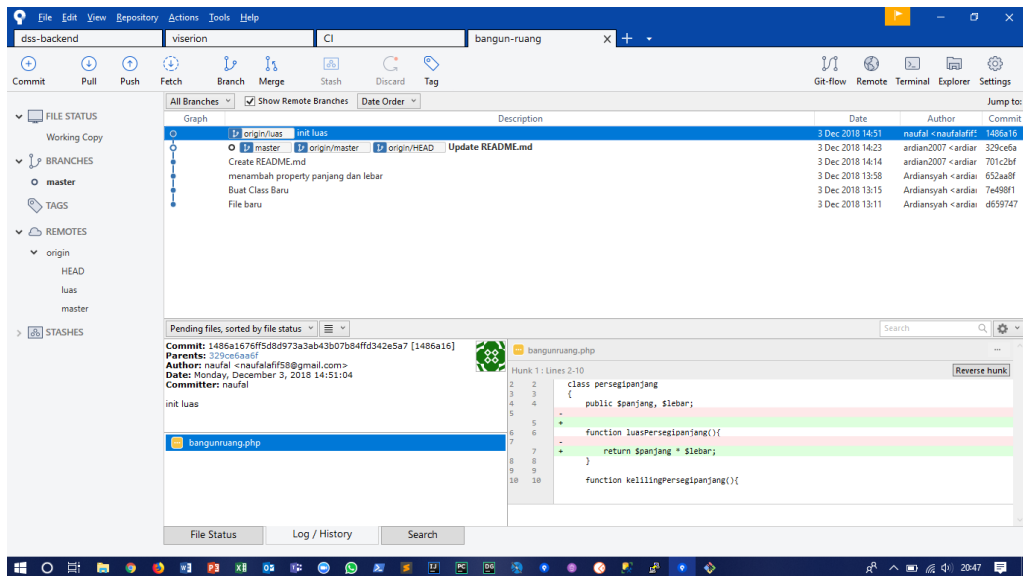
```
MINGW64:/e/Maverick

Maverick@DESKTOP-QRHGT49 MINGW64 /e/Maverick
$ git clone https://github.com/ardian2007/bangun-ruang.git
Cloning into 'bangun-ruang'...
remote: Enumerating objects: 18, done.
remote: Counting objects: 100% (18/18), done.
remote: Compressing objects: 100% (14/14), done.
remote: Total 18 (delta 3), reused 10 (delta 0), pack-reused 0
Unpacking objects: 100% (18/18), done.

Maverick@DESKTOP-QRHGT49 MINGW64 /e/Maverick
$ |
```

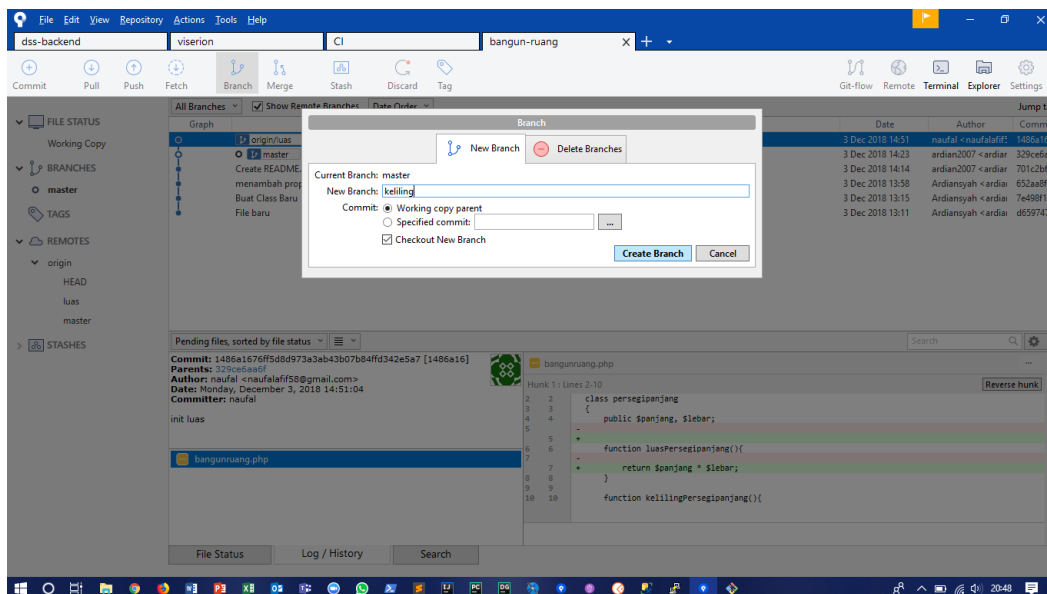
3. Open your repo to tracker, I use Sourcetree





4. Create new branch then checkout, example : Keliling

Click “Branch” then create branch (“checklist Chekout new branch”)

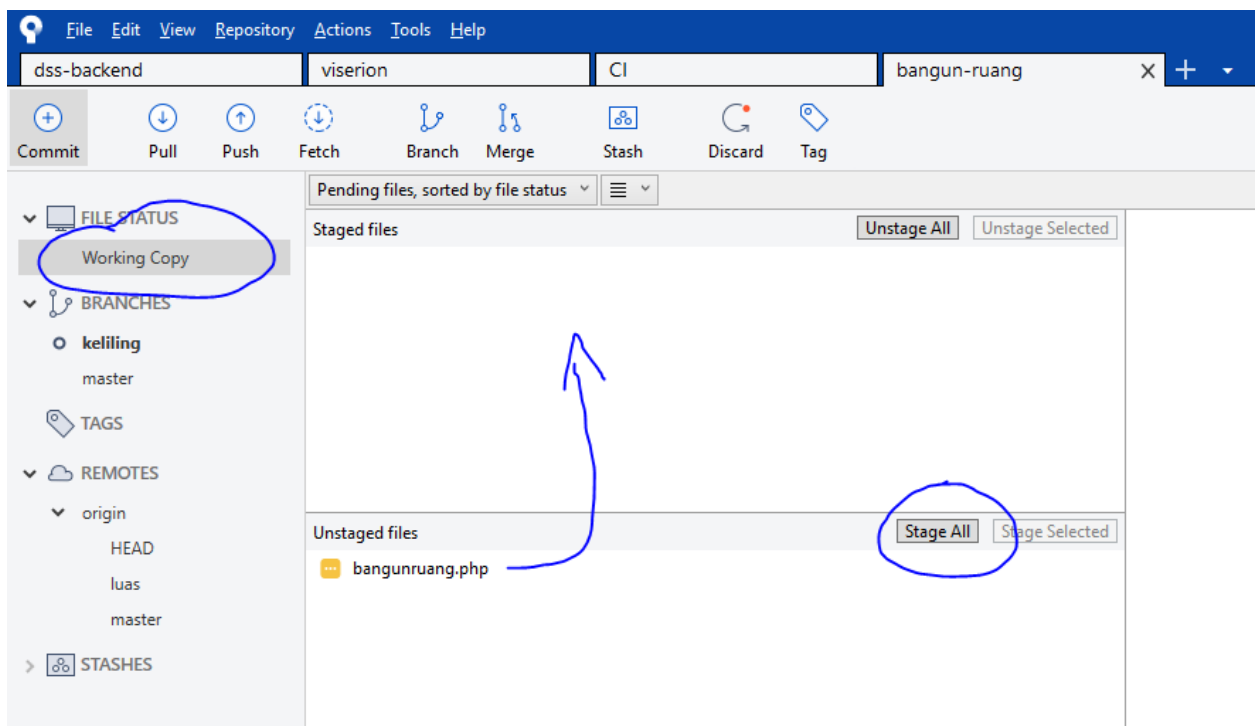


5. Edit source which your task on project in new branch with your favourite text editor. You can use JetBrains IDEA and choose your IDEA as needed.

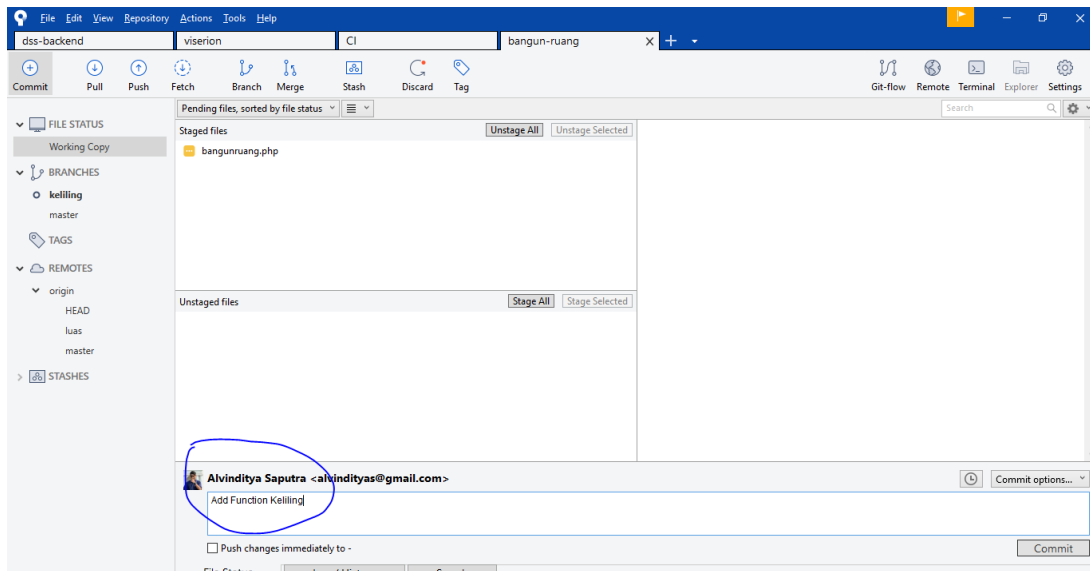


```
1 <?php
2 class persegipanjang
3 {
4     public $panjang, $lebar;
5
6     function luasPersegipanjang(){
7
8     }
9
10    function kelilingPersegipanjang(){
11        return 2 * ($panjang + $lebar);
12    }
13
14 }
```

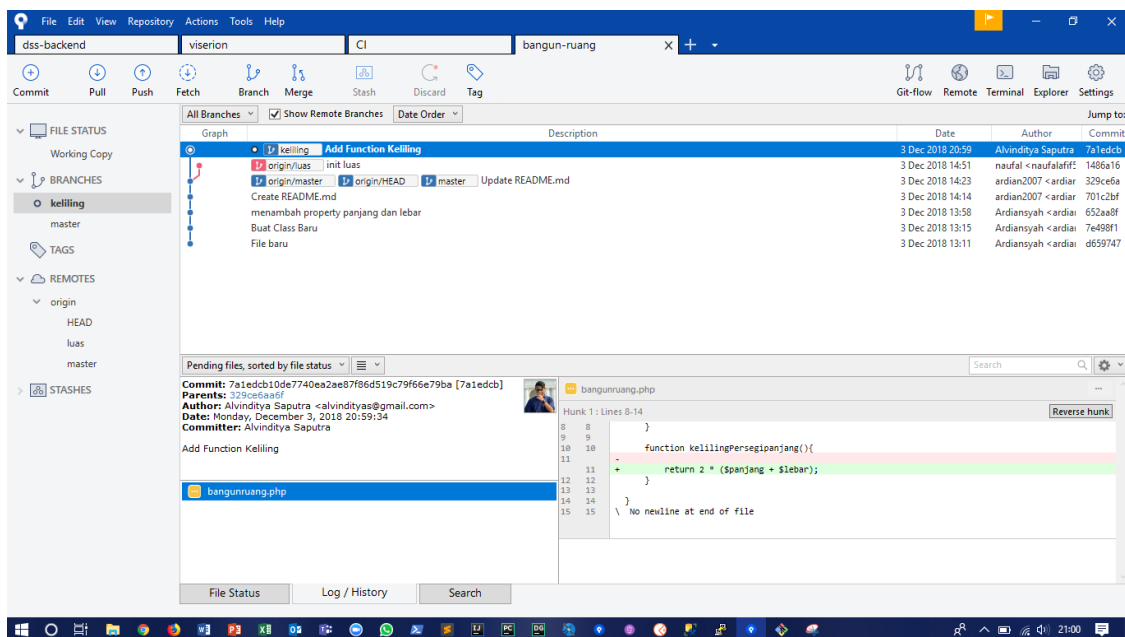
6. Commit your change to git, click working copy then stage your change.



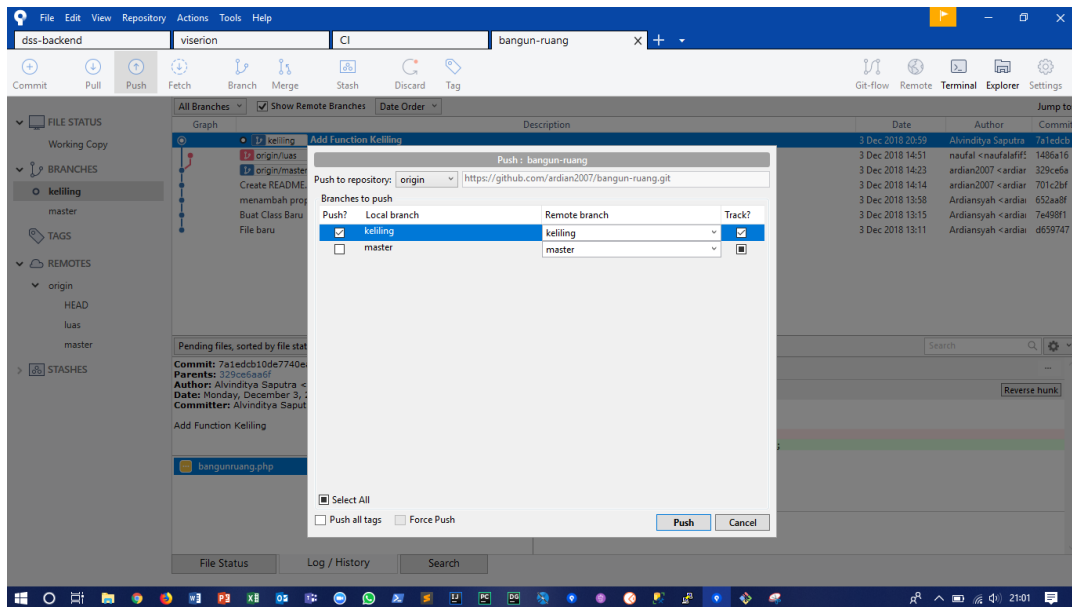
Create commit message and click button commit on the right side



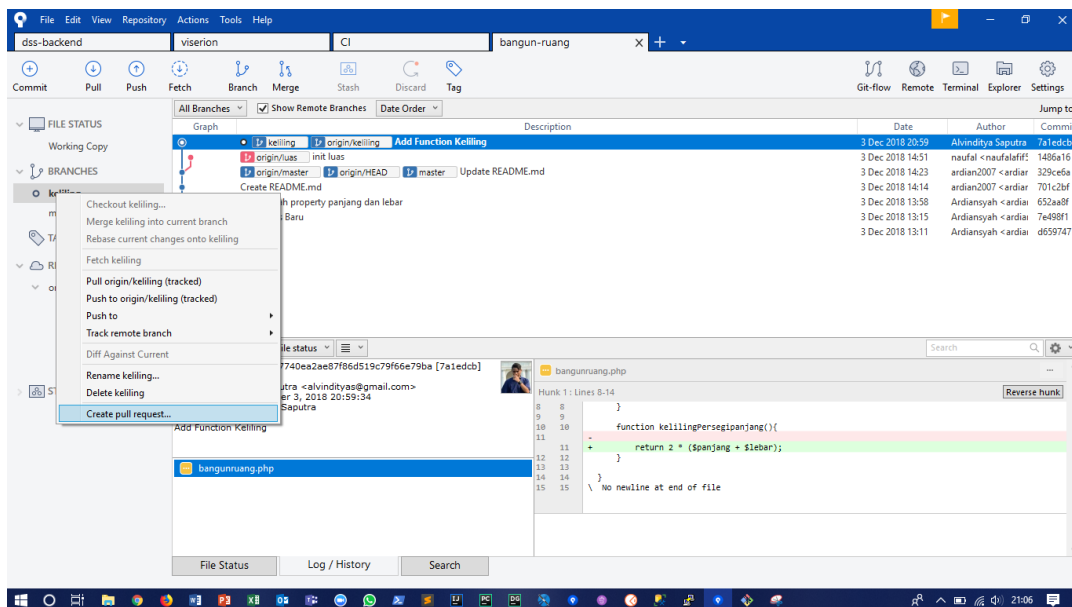
7. Commit message will show in your active branch, then push it into origin (github). Click button push

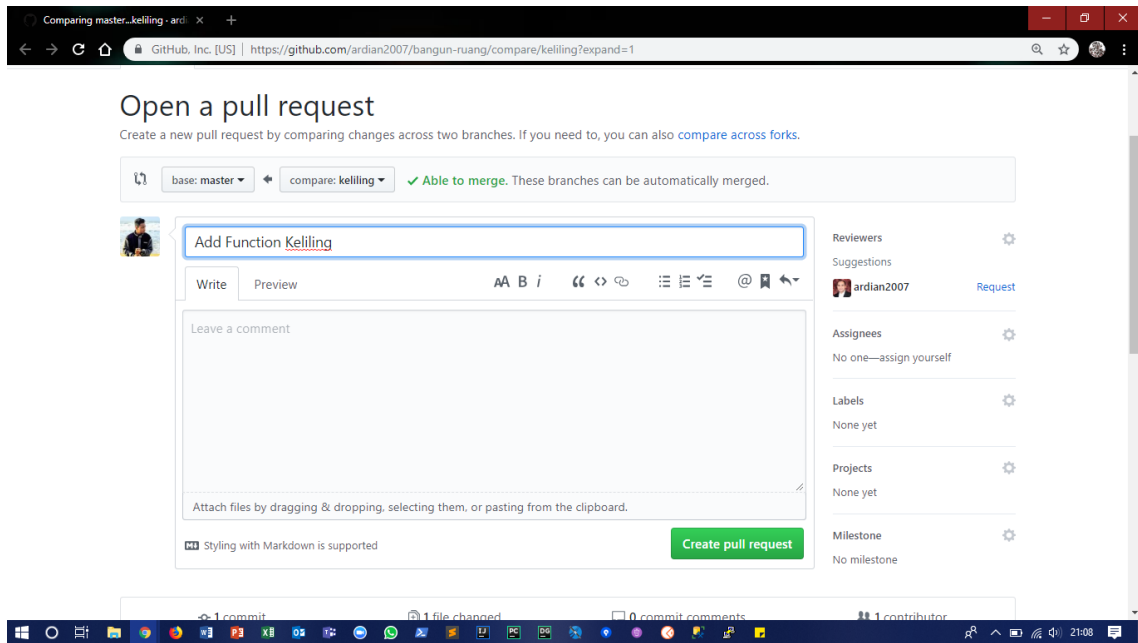


8. Push process, checklist your active branch then click button push

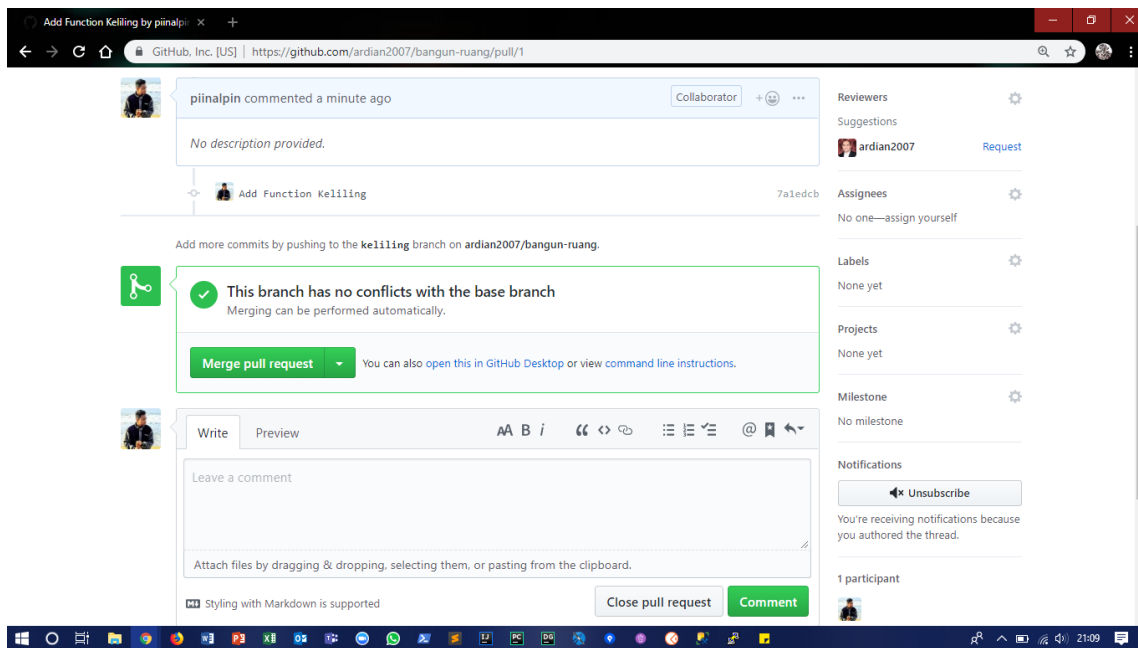


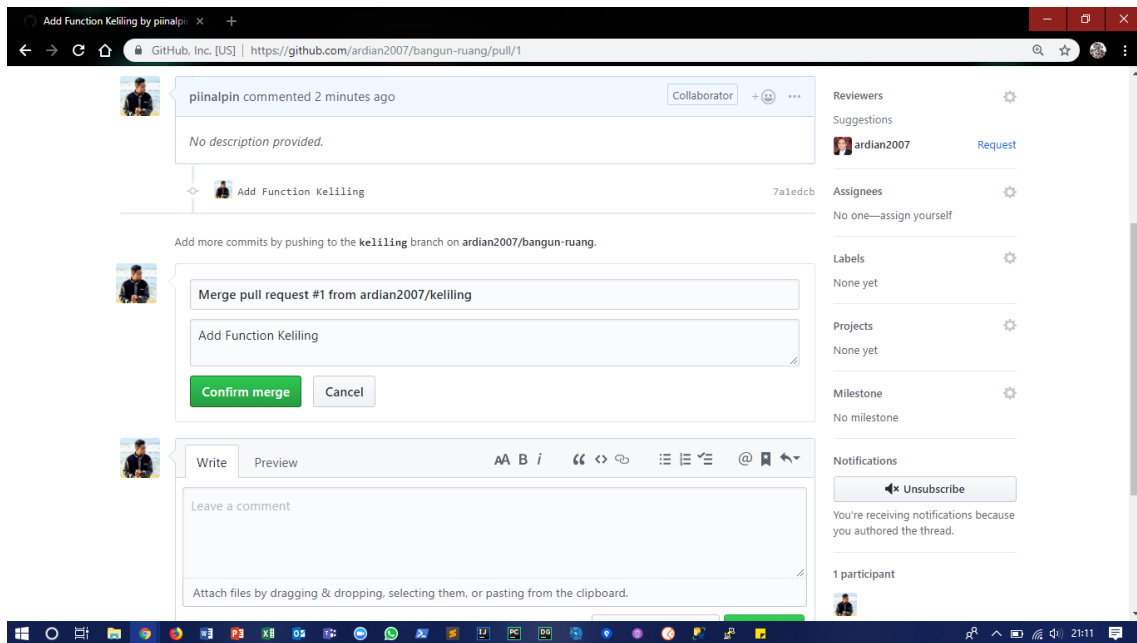
9. Create pull request to master, so the leader of team will review your code if accepted your code will merged to master. Right click your active branch, and select create pull request. It will be create request message on the website which will be sent to team leader.





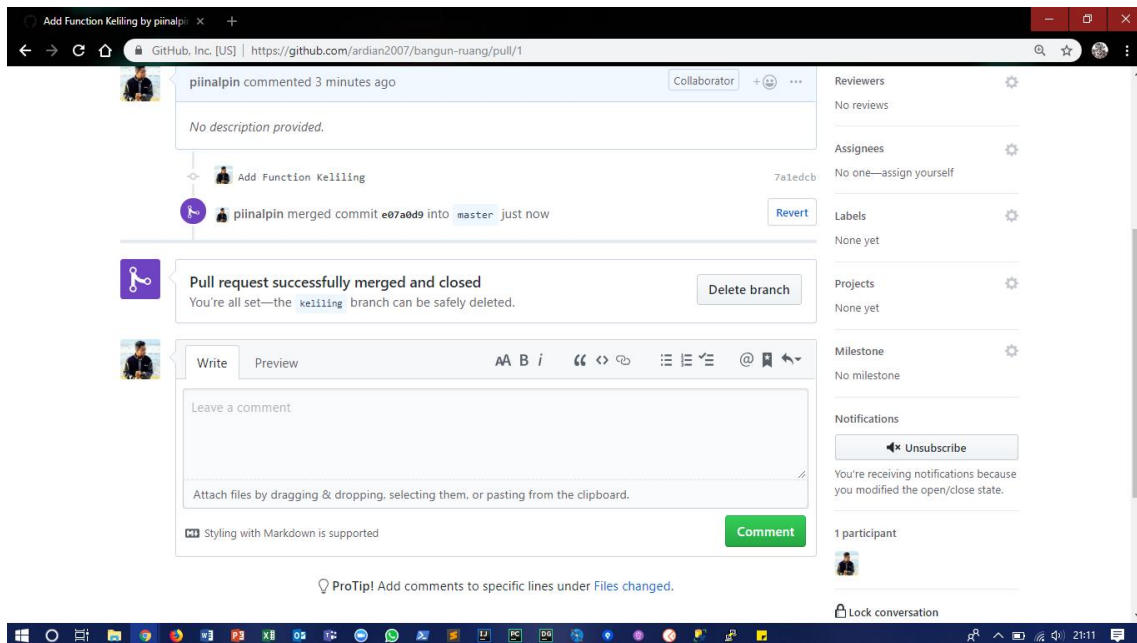
If you as team leader, you can approve the pull request if there are message no conflicts.





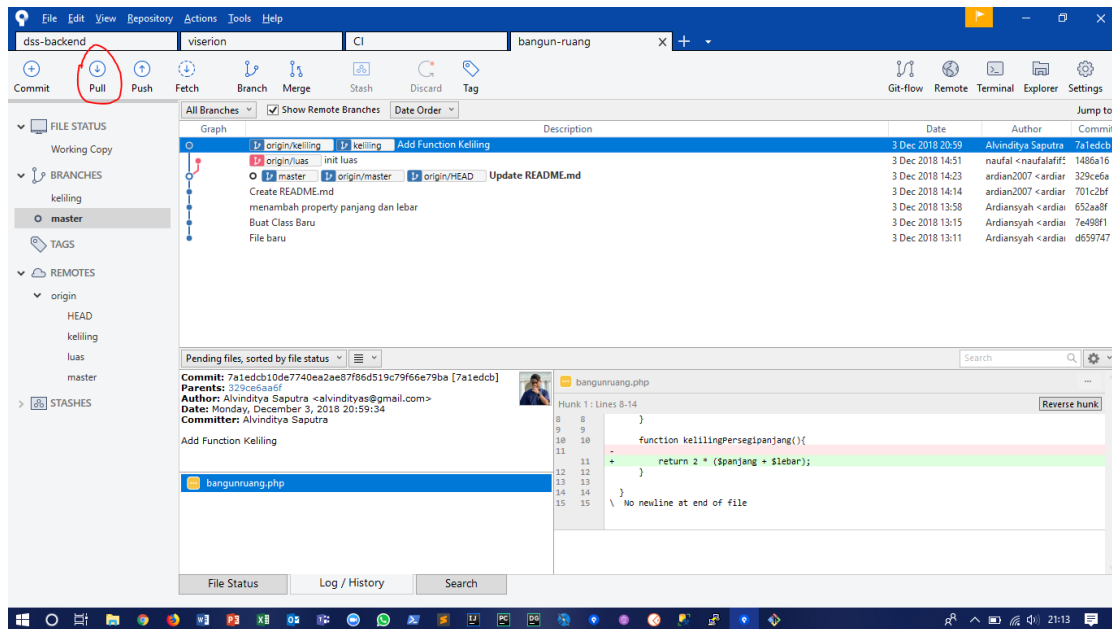
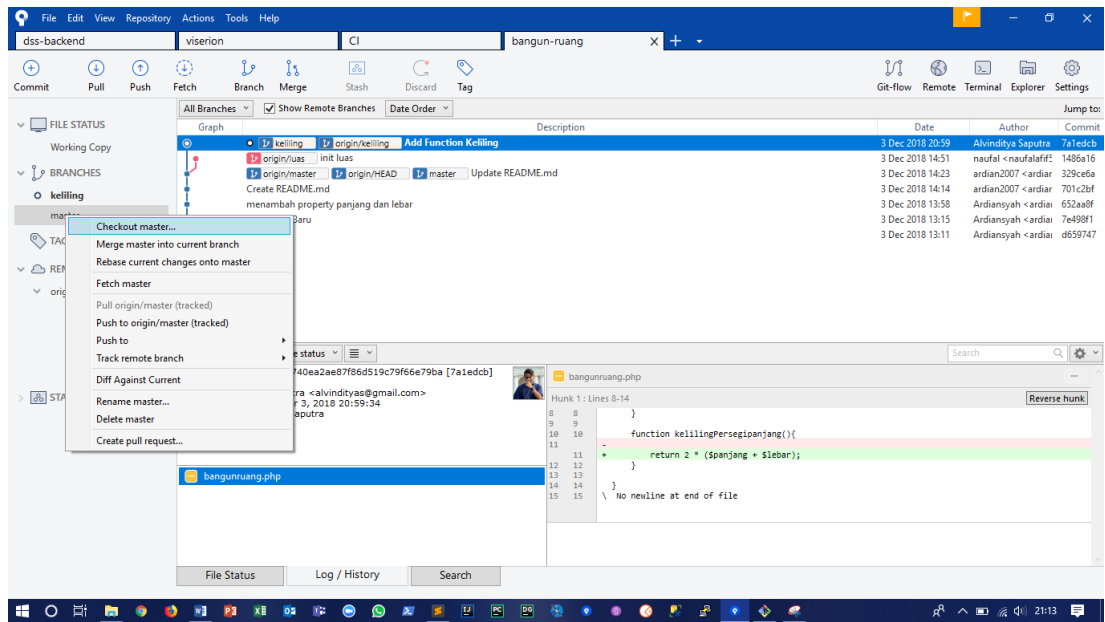
It will merge from branch Keliling into master, so branch master will be updated.

If success, you can delete branch keliling or not.



10. How to pull, the updated source code into your local branch?

11. Checkout master then click pull.



12. Done, you can use github version controls.