

UNIVERSITY OF ZAMBIA
SCHOOL OF NATURAL SCIENCES
DEPARTMENT OF COMPUTER SCIENCE

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Course Code: CSC 4631

Course: Software Maintenance

Lecturer : Mr Sinkala

1. Cloned the repository into my local directory.

```
MINGW64/c/Users/Chisomo/Desktop/GIT/week1-git-lab-1
Chisomo@ChisomoBanja MINGW64 ~/Desktop/GIT (master)
$ git clone https://github.com/chisomobanja-unza/week1-git-lab-1
Cloning into 'week1-git-lab-1'...
remote: Enumerating objects: 9, done.
remote: Counting objects: 100% (9/9), done.
remote: Compressing objects: 100% (5/5), done.
remote: Total 9 (delta 0), reused 9 (delta 0), pack-reused 0 (from 0)
Receiving objects: 100% (9/9), done.
```

2. Created and edited the contributors.txt using the nano editor

```
Chisomo@ChisomoBanja MINGW64 ~/Desktop/GIT (master)
$ cd week1-git-lab-1/
Chisomo@ChisomoBanja MINGW64 ~/Desktop/GIT/week1-git-lab-1 (main)
$ ls
Feature.txt  hello.txt
Chisomo@ChisomoBanja MINGW64 ~/Desktop/GIT/week1-git-lab-1 (main)
$ nano contributors.txt
```

3. Moved the edited file to the staging area

```
Chisomo@ChisomoBanja MINGW64 ~/Desktop/GIT/week1-git-lab-1 (main)
$ git add .
warning: in the working copy of 'contributors.txt', LF will be replaced by CRLF
the next time Git touches it
```

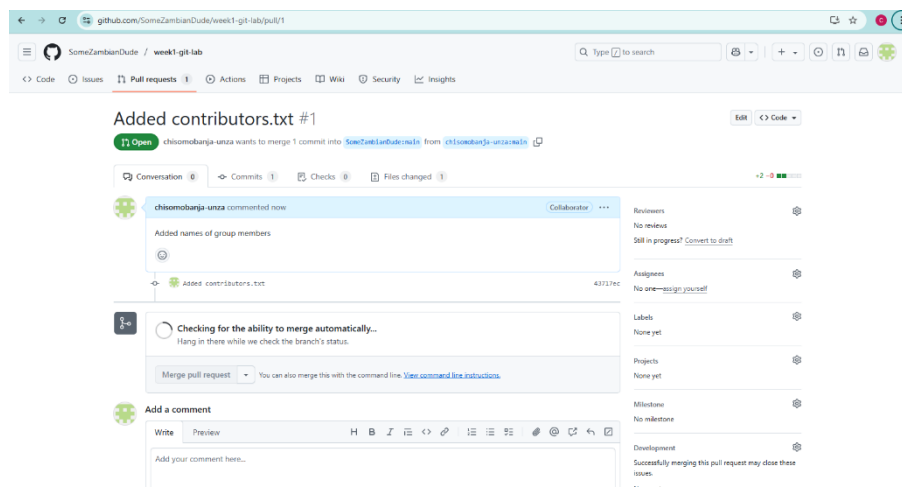
4. Used git commit to commit the changes into local repo

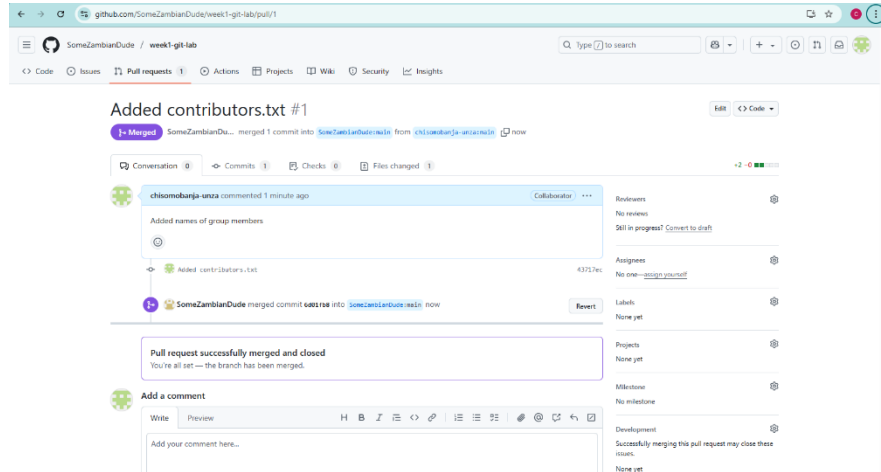
```
Chisomo@ChisomoBanja MINGW64 ~/Desktop/GIT/week1-git-lab-1 (main)
$ git commit -m "Added contributors.txt"
[main 43717ec] Added contributors.txt
1 file changed, 2 insertions(+)
create mode 100644 contributors.txt
```

5. Used git push origin main to push the changes into the remote counterpart of the project in the main branch but first had to use the git remote set-url command changes an existing remote repository URL

```
Chisomo@ChisomoBanja MINGW64 ~/Desktop/GIT/week1-git-lab-1 (main)
$ git push origin main
remote: Permission to chisomobanja-unza/week1-git-lab-1.git denied to chisomobanja.
fatal: unable to access 'https://github.com/chisomobanja-unza/week1-git-lab-1/': The requested URL returned error: 403
Chisomo@ChisomoBanja MINGW64 ~/Desktop/GIT/week1-git-lab-1 (main)
$ ls ~/.ssh
id_rsa  id_rsa.pub  id_rsa_new  id_rsa_new.pub  known_hosts  known_hosts.old
Chisomo@ChisomoBanja MINGW64 ~/Desktop/GIT/week1-git-lab-1 (main)
$ git remote set-url origin git@github.com:chisomobanja-unza/week1-git-lab-1.git
Chisomo@ChisomoBanja MINGW64 ~/Desktop/GIT/week1-git-lab-1 (main)
$ git push origin main
Enumerating objects: 4, done.
Counting objects: 100% (4/4), done.
Delta compression using up to 4 threads
Compressing objects: 100% (2/2), done.
Writing objects: 100% (1/1), 355 bytes | 355.00 KiB/s, done.
Total 3 (delta 0), reused 0 (delta 0), pack-reused 0 (from 0)
To github.com:chisomobanja-unza/week1-git-lab-1.git
 f68272d..43717ec main -> main
Chisomo@ChisomoBanja MINGW64 ~/Desktop/GIT/week1-git-lab-1 (main)
$ |
```

6. Since the repo has now been uploaded to the remote repo, the rest is done from github.com. A prompt is given on the repo to update the branch to the latest version, clicking that gives a prompt to conduct a pull request. Clicking the pull request results in the following page:





GitHub repository links:

<https://github.com/chisomobanja-unza/week1-git-lab>

Forked: <https://github.com/chisomobanja-unza/week1-git-lab-1>