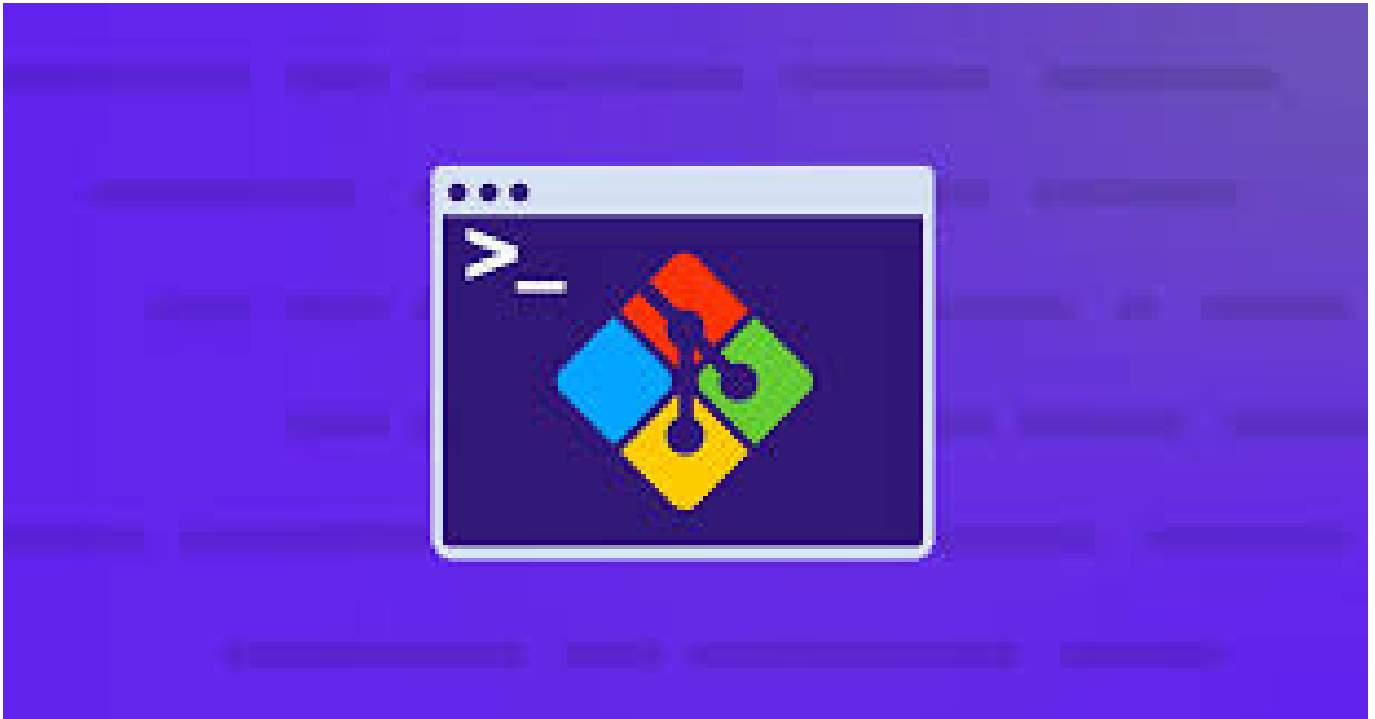


Group Activity 01



SCS 2208 - Rapid Application Development

Prepared by:

Group 39

Activity 01

- Create a repository providing any name
- Create branches individually.
- Create an HTML page "About me" (no need to use styles or dynamic)
- Merge all the branches together.

1.Creating a repository named "group39"


Create a new repository

A repository contains all project files, including the revision history. Already have a project repository elsewhere? [Import a repository.](#)

Required fields are marked with an asterisk ().*


Owner *

Repository name *

 amandiudawatta-uni


 /

group39


 group39 is available.

Great repository names are short and memorable. Need inspiration? How about [solid-computing-machine?](#)

Description (optional)

☒  **Public**

Anyone on the internet can see this repository. You choose who can commit.

☐  **Private**

You choose who can see and commit to this repository.

Initialize this repository with:

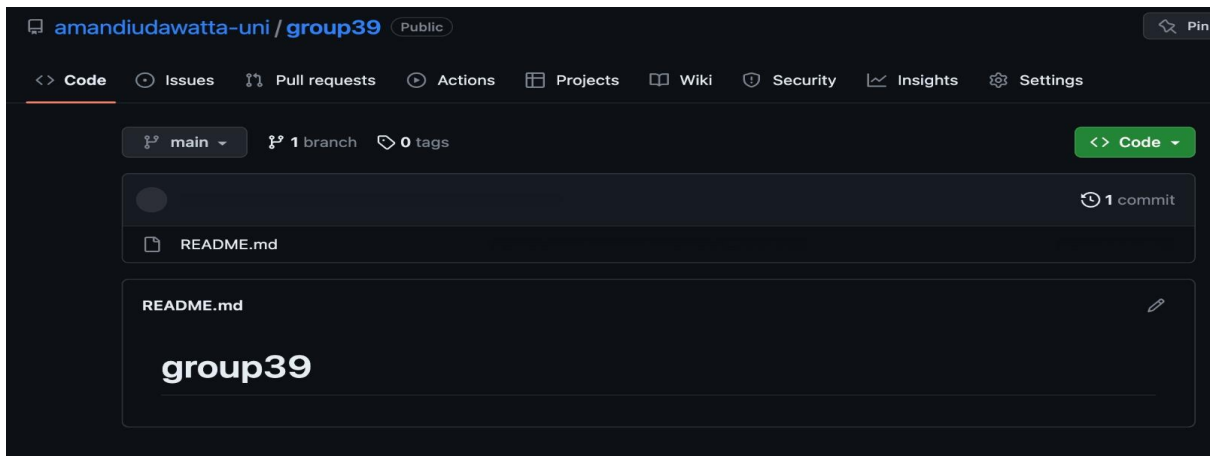
☒ **Add a README file**

This is where you can write a long description for your project. [Learn more about READMEs.](#)

Add .gitignore

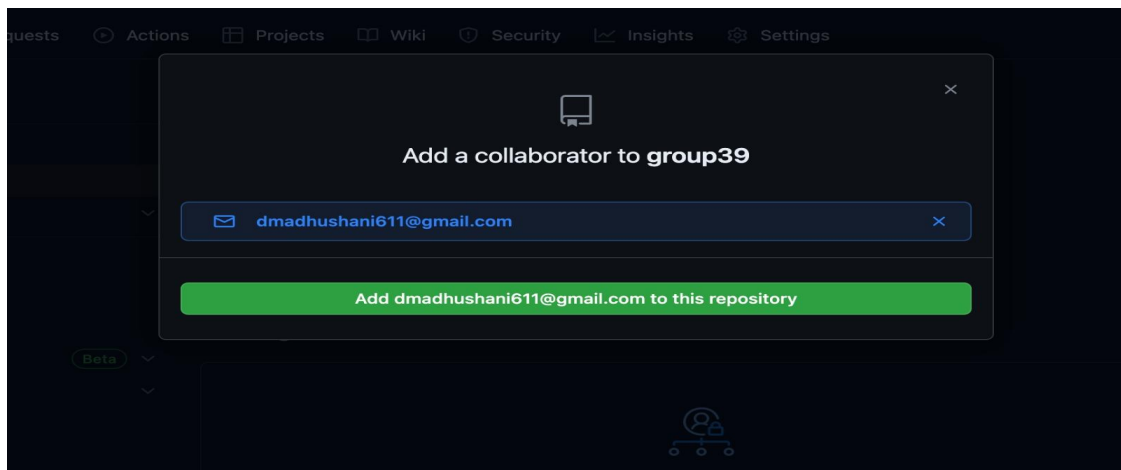
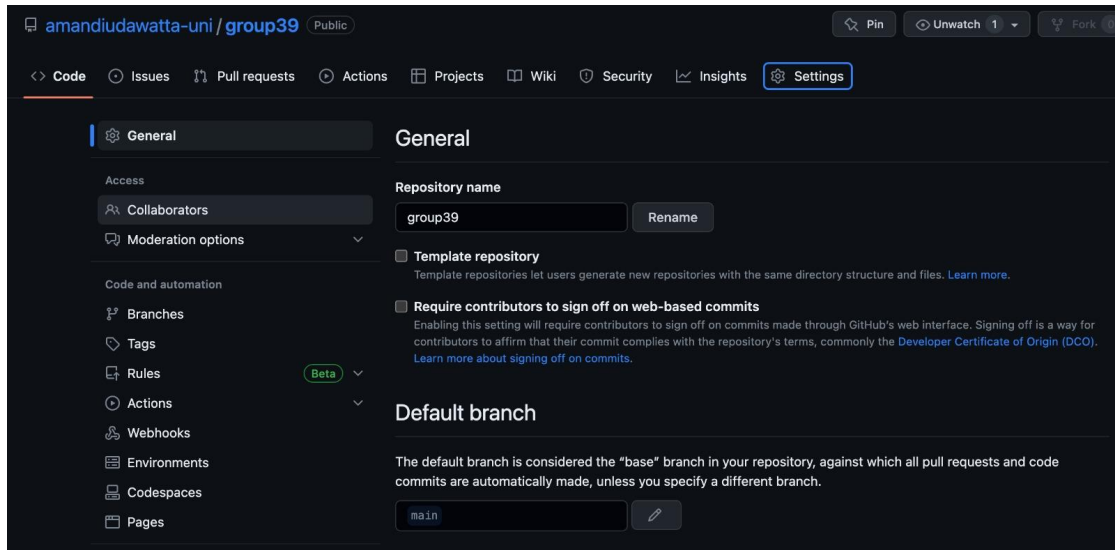
.gitignore template: None

Choose which files not to track from a list of templates. [Learn more about ignoring files.](#)



Repository is created successfully.

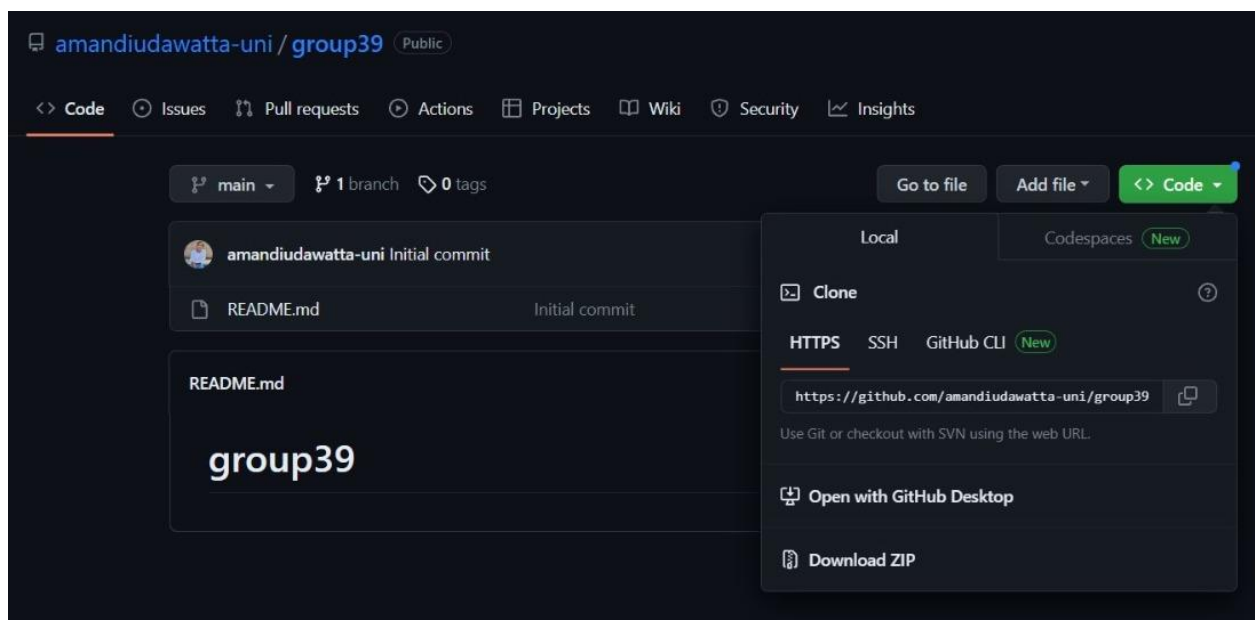
- **Adding collaborators**



- A request was sent to the collaborators through an email and they have got the following pop up message asking whether to accept or decline the request



- Once the collaborators accept the request they can get the URL of the clone which is used to clone the repository into the local machines.



- Command to clone the repository into the machines

```

MINGW64:/c/Users/Dilini Udawaththa/group39

Dilini Udawaththa@LAPTOP-C0ISNB6L MINGW64 ~
$ git clone http://github.com/amandiudawatta-uni/group39
Cloning into 'group39'...
warning: redirecting to https://github.com/amandiudawatta-uni/group39/
remote: Enumerating objects: 3, done.
remote: Counting objects: 100% (3/3), done.
remote: Total 3 (delta 0), reused 0 (delta 0), pack-reused 0
Receiving objects: 100% (3/3), done.

```

- Commands to go to the repository and initialize it.

```

Dilini Udawaththa@LAPTOP-C0ISNB6L MINGW64 ~
$ cd group39

Dilini Udawaththa@LAPTOP-C0ISNB6L MINGW64 ~/group39 (main)
$ git init
Reinitialized existing Git repository in C:/Users/Dilini Udawaththa/group39/.git/

```

2.Creating branches and go to the branches

```

Dilini Udawaththa@LAPTOP-C0ISNB6L MINGW64 ~/group39 (main)
$ git branch dilini

Dilini Udawaththa@LAPTOP-C0ISNB6L MINGW64 ~/group39 (main)
$ git checkout dilini
Switched to branch 'dilini'

```

```

wolfie@Amandis-MacBook-Air group39 % git branch amandi
wolfie@Amandis-MacBook-Air group39 % git checkout amandi
Switched to branch 'amandi'

```

```

janit@KD-Thenu MINGW64 ~/group39 (main)
$ git branch janith

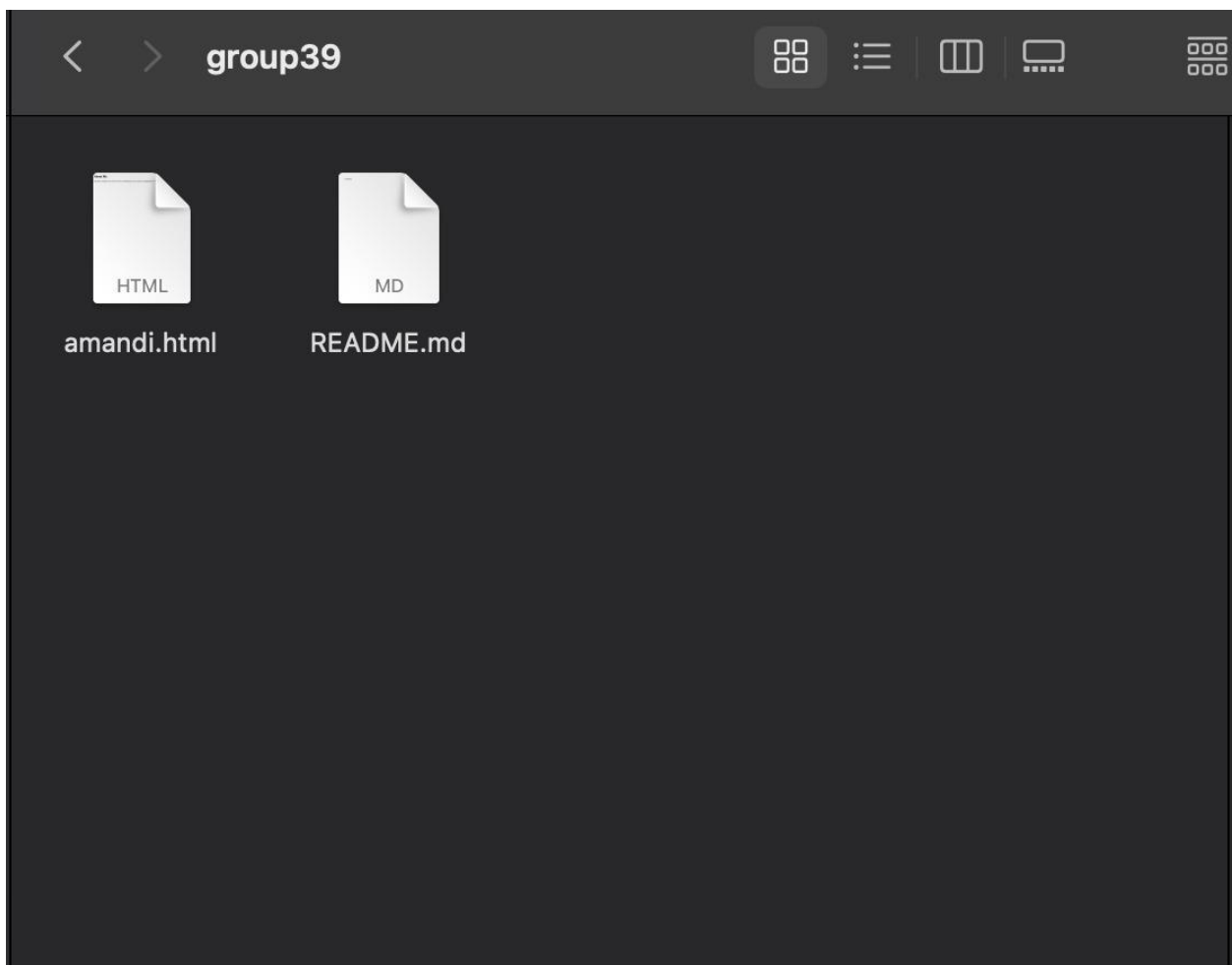
janit@KD-Thenu MINGW64 ~/group39 (main)
$ git checkout janith
Switched to branch 'janith'

```

```
C:\Users\User\group39>git branch tharika  
C:\Users\User\group39>git checkout tharika  
Switched to branch 'tharika'
```

```
ACER@DESKTOP-BSRVTFN MINGW64 ~/group39 (main)  
$ git branch Kasun  
  
ACER@DESKTOP-BSRVTFN MINGW64 ~/group39 (main)  
$ git checkout Kasun  
Switched to branch 'Kasun'
```

3. Then we created <name>.html file inside the group39 folder manually.



- Then we added them to the branches we created and committed as follows.

```
Dilini Udawaththa@LAPTOP-C0ISNB6L MINGW64 ~/group39 (dilini)
$ git add dilini.html

Dilini Udawaththa@LAPTOP-C0ISNB6L MINGW64 ~/group39 (dilini)
$ git commit -m "Dilini done"
[dilini d1b5729] Dilini done
1 file changed, 12 insertions(+)
create mode 100644 dilini.html
```

```
wolfie@Amandis-MacBook-Air group39 % git add .
wolfie@Amandis-MacBook-Air group39 % git commit -m "amandi done"
[amandi 3439142] amandi done
1 file changed, 12 insertions(+)
create mode 100644 amandi.html
```

```
janit@KD-Thenu MINGW64 ~/group39 (janith)
$ git add janith.html

janit@KD-Thenu MINGW64 ~/group39 (janith)
$ git commit -m "Janith done"
[janith 922ce4f] Janith done
1 file changed, 12 insertions(+)
create mode 100644 janith.html
```

```
C:\Users\User\group39>git add tharika.html

C:\Users\User\group39>git commit -m "tharika done"
[tharika 89ff2b8] tharika done
1 file changed, 12 insertions(+)
create mode 100644 tharika.html
```

```
ACER@DESKTOP-BSRVTFN MINGW64 ~/group39 (Kasun)
$ git add kasun.html

ACER@DESKTOP-BSRVTFN MINGW64 ~/group39 (Kasun)
$ git commit -m "Kasun done"
[Kasun c6e3d76] Kasun done
1 file changed, 12 insertions(+)
create mode 100644 kasun.html
```


4. Merge all the created branches into the main branch.

```
Dilini Udawaththa@LAPTOP-C0ISNB6L MINGW64 ~/group39 (dilini)
$ git checkout main
Switched to branch 'main'
Your branch is up to date with 'origin/main'.

Dilini Udawaththa@LAPTOP-C0ISNB6L MINGW64 ~/group39 (main)
$ git merge dilini -m "Dilini done"
Updating e7f8328..d1b5729
Fast-forward (no commit created; -m option ignored)
 dilini.html | 12 ++++++++
 1 file changed, 12 insertions(+)
 create mode 100644 dilini.html
```

```
wolfie@Amandis-MacBook-Air group39 % git checkout main
Switched to branch 'main'
Your branch is up to date with 'origin/main'.
wolfie@Amandis-MacBook-Air group39 % git merge amandi -m "amandi done"
Updating e7f8328..3439142
Fast-forward (no commit created; -m option ignored)
 amandi.html | 12 ++++++++
 1 file changed, 12 insertions(+)
 create mode 100644 amandi.html
```

```
janit@KD-Thenu MINGW64 ~/group39 (janith)
$ git checkout main
Switched to branch 'main'
Your branch is up to date with 'origin/main'.

janit@KD-Thenu MINGW64 ~/group39 (main)
$ git merge janith -m "Janith done"
Updating e7f8328..922ce4f
Fast-forward (no commit created; -m option ignored)
 janith.html | 12 ++++++++
 1 file changed, 12 insertions(+)
 create mode 100644 janith.html
```

```
C:\Users\User\group39>git checkout main
Switched to branch 'main'
Your branch is up to date with 'origin/main'.

C:\Users\User\group39>git merge tharika -m "tharika done"
Updating e7f8328..89ff2b8
Fast-forward (no commit created; -m option ignored)
 tharika.html | 12 ++++++++
 1 file changed, 12 insertions(+)
 create mode 100644 tharika.html
```



```
ACER@DESKTOP-BSRVTFN MINGW64 ~/group39 (main)
$ git merge kasun -m "Kasun done"
Updating e7f8328..c6e3d76
Fast-forward (no commit created; -m option ignored)
 kasun.html | 12 ++++++++
 1 file changed, 12 insertions(+)
 create mode 100644 kasun.html
```

- Then we push our branches into the repository as follows.

```
Dilini Udawaththa@LAPTOP-C0ISNB6L MINGW64 ~/group39 (main)
$ git push origin dilini
info: please complete authentication in your browser...
warning: redirecting to https://github.com/amandiudawatta-uni/group39/
Enumerating objects: 4, done.
Counting objects: 100% (4/4), done.
Delta compression using up to 8 threads
Compressing objects: 100% (3/3), done.
Writing objects: 100% (3/3), 440 bytes | 220.00 KiB/s, done.
Total 3 (delta 0), reused 0 (delta 0), pack-reused 0
remote:
remote: Create a pull request for 'dilini' on GitHub by visiting:
remote:   https://github.com/amandiudawatta-uni/group39/pull/new/dilini
remote:
To http://github.com/amandiudawatta-uni/group39
 * [new branch]      dilini -> dilini
```

```
wolfie@Amandis-MacBook-Air group39 % git push origin amandi
The authenticity of host 'github.com (20.205.243.166)' can't be established.
ED25519 key fingerprint is SHA256:+DiY3wvV6TuJJhpZisF/zLDA0zPMSvHdkr4UvCOqU.
This key is not known by any other names
Are you sure you want to continue connecting (yes/no/[fingerprint])? yes
Warning: Permanently added 'github.com' (ED25519) to the list of known hosts.
Enumerating objects: 4, done.
Counting objects: 100% (4/4), done.
Delta compression using up to 8 threads
Compressing objects: 100% (3/3), done.
Writing objects: 100% (3/3), 424 bytes | 424.00 KiB/s, done.
Total 3 (delta 0), reused 0 (delta 0), pack-reused 0
remote:
remote: Create a pull request for 'amandi' on GitHub by visiting:
remote:   https://github.com/amandiudawatta-uni/group39/pull/new/amandi
remote:
To github.com:amandiudawatta-uni/group39.git
 * [new branch]      amandi -> amandi
```

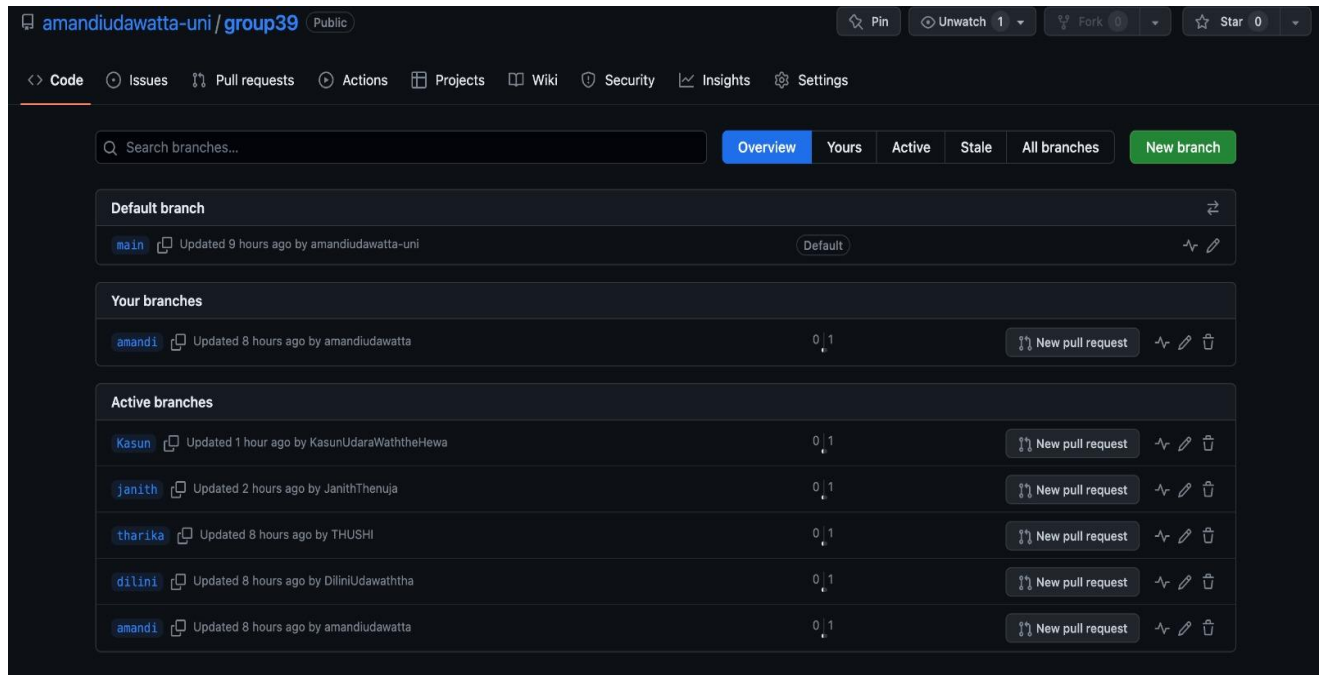
```
janit@KD-Thenu MINGW64 ~/group39 (main)
$ git push origin janith
info: please complete authentication in your browser...
Enumerating objects: 4, done.
Counting objects: 100% (4/4), done.
Delta compression using up to 12 threads
Compressing objects: 100% (3/3), done.
Writing objects: 100% (3/3), 438 bytes | 438.00 KiB/s, done.
Total 3 (delta 0), reused 0 (delta 0), pack-reused 0
remote:
remote: Create a pull request for 'janith' on GitHub by visiting:
remote:   https://github.com/amandiudawatta-uni/group39/pull/new/janith
remote:
To https://github.com/amandiudawatta-uni/group39
* [new branch]   janith -> janith
```

```
C:\Users\User\group39>git push origin tharika
info: please complete authentication in your browser...
Enumerating objects: 4, done.
Counting objects: 100% (4/4), done.
Delta compression using up to 4 threads
Compressing objects: 100% (3/3), done.
Writing objects: 100% (3/3), 437 bytes | 437.00 KiB/s, done.
Total 3 (delta 0), reused 0 (delta 0), pack-reused 0
remote:
remote: Create a pull request for 'tharika' on GitHub by visiting:
remote:   https://github.com/amandiudawatta-uni/group39/pull/new/tharika
remote:
To https://github.com/amandiudawatta-uni/group39.git
* [new branch]   tharika -> tharika

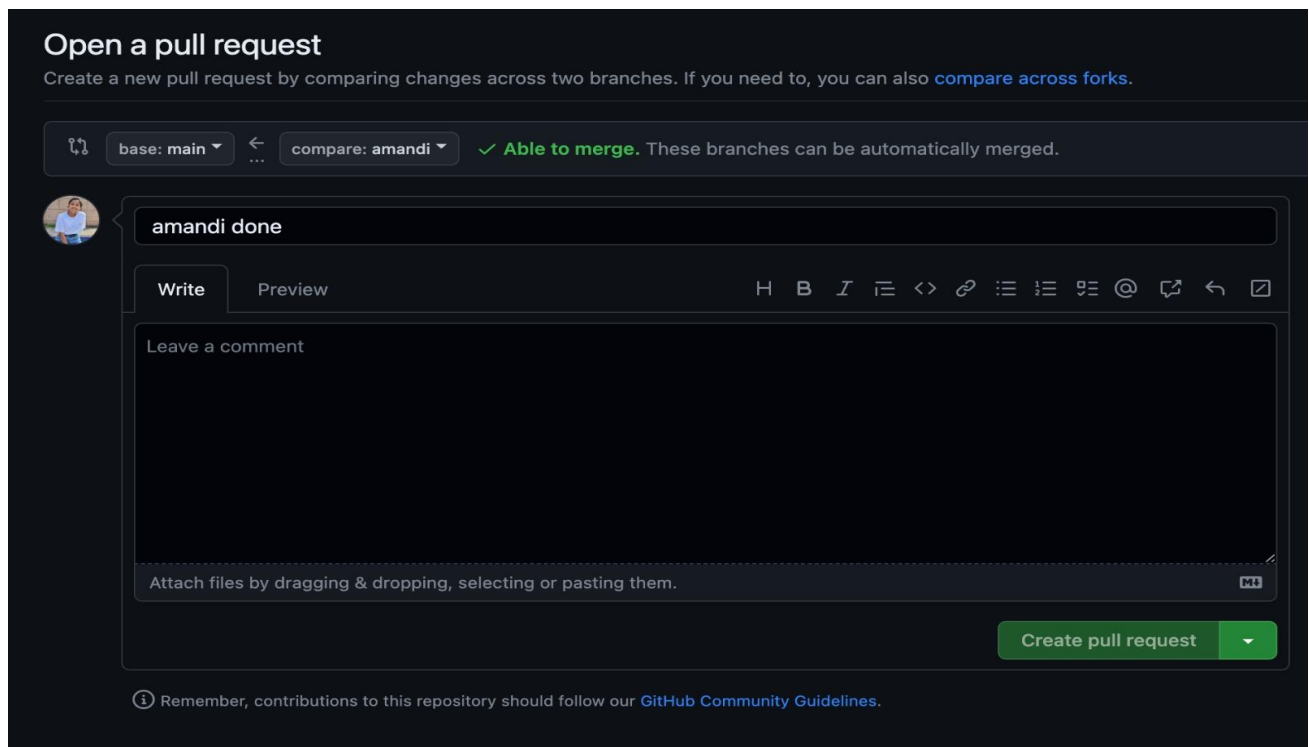
C:\Users\User\group39>|
```

```
ACER@DESKTOP-BSRVTFN MINGW64 ~/group39 (main)
$ git push origin Kasun
Enumerating objects: 4, done.
Counting objects: 100% (4/4), done.
Delta compression using up to 8 threads
Compressing objects: 100% (3/3), done.
Writing objects: 100% (3/3), 436 bytes | 436.00 KiB/s, done.
Total 3 (delta 0), reused 0 (delta 0), pack-reused 0
To https://github.com/amandiudawatta-uni/group39
e7f8328..c6e3d76 Kasun -> Kasun
```

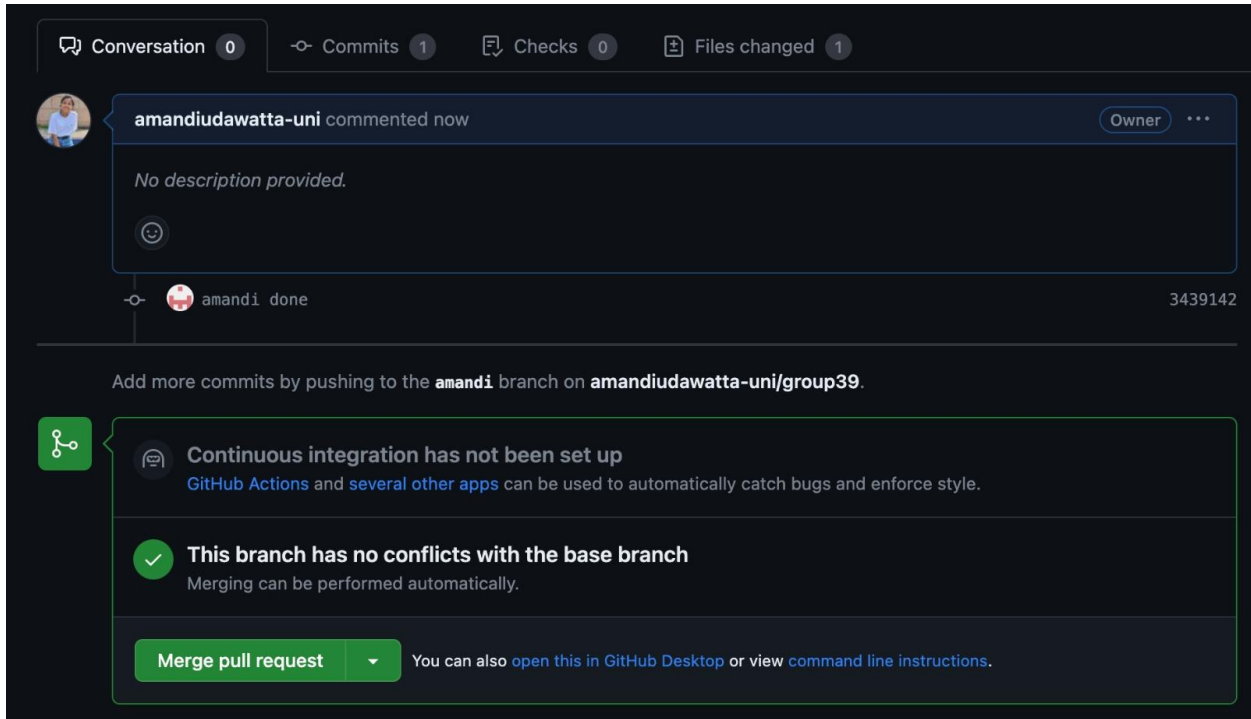
5. All the branches showing up in the repository after all the group members push their branches into it.



6. Go to a branch and open pull request.



7. After the confirmation of the repository that the current branch has no conflicts with the branch base, merge pull request.



The screenshot shows a GitHub pull request interface. At the top, there are tabs for Conversation (0), Commits (1), Checks (0), and Files changed (1). A comment by amandiudawatta-uni is visible, stating "No description provided." Below the comment, a commit by amandi is shown with the message "done". A status box on the left indicates that continuous integration has not been set up and that the branch has no conflicts with the base branch. A green button labeled "Merge pull request" is visible.

Conversation 0 Commits 1 Checks 0 Files changed 1

amandiudawatta-uni commented now Owner ...

No description provided.

amandi done 3439142

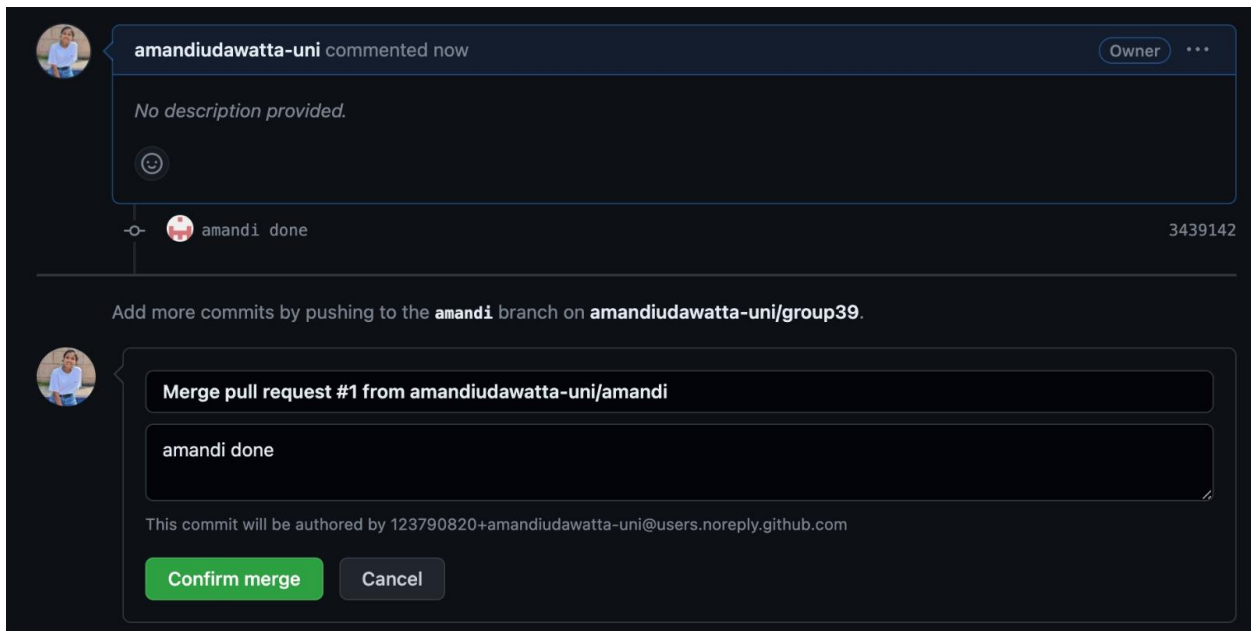
Add more commits by pushing to the **amandi** branch on **amandiudawatta-uni/group39**.

Continuous integration has not been set up
GitHub Actions and several other apps can be used to automatically catch bugs and enforce style.

✓ This branch has no conflicts with the base branch
Merging can be performed automatically.

Merge pull request You can also open this in GitHub Desktop or view command line instructions.

- Then confirm merge



The screenshot shows the same GitHub pull request interface as before, but with a merge confirmation dialog open. The dialog displays the pull request title "Merge pull request #1 from amandiudawatta-uni/amandi" and the commit message "amandi done". It also shows the commit will be authored by 123790820+amandiudawatta-uni@users.noreply.github.com. There are two buttons: "Confirm merge" and "Cancel".

amandiudawatta-uni commented now Owner ...

No description provided.

amandi done 3439142

Add more commits by pushing to the **amandi** branch on **amandiudawatta-uni/group39**.

Merge pull request #1 from amandiudawatta-uni/amandi



amandi done

This commit will be authored by 123790820+amandiudawatta-uni@users.noreply.github.com


Confirm merge Cancel

- Now all the branches are merged.



Kasun done #2



 Merged amandiudawatta... merged 1 commit into `main` from `Kasun`  now


Conversation 0 Commits 1 Checks 0 Files changed 1

 amandiudawatta-uni commented now Owner ...

No description provided.



  Kasun done c6e3d76

  amandiudawatta-uni merged commit `0a3bffc` into `main` now Revert


 Pull request successfully merged and closed Delete branch

You're all set—the `Kasun` branch can be safely deleted.



Dilini done #3



 Merged amandiudawatta... merged 1 commit into `main` from `dilini`  now


Conversation 0 Commits 1 Checks 0 Files changed 1

 amandiudawatta-uni commented now Owner ...

No description provided.

  Dilini done d1b5729

  amandiudawatta-uni merged commit `51c33ff` into `main` now Revert


 Pull request successfully merged and closed Delete branch


You're all set—the `dilini` branch can be safely deleted.


Janith done #4

 Merged amandiudawatta... merged 1 commit into `main` from `janith`  now

 Conversation 0

 Commits 1

 Checks 0

 Files changed 1



amandiudawatta-uni commented now

Owner ...

No description provided.



 Janith done

922ce4f



amandiudawatta-uni merged commit `dbc8fc6` into `main` now

Revert



Pull request successfully merged and closed


You're all set—the `janith` branch can be safely deleted.

Delete branch

tharika done #5

 Merged amandiudawatta... merged 1 commit into `main` from `tharika`  now

 Conversation 0

 Commits 1

 Checks 0

 Files changed 1




amandiudawatta-uni commented now

Owner ...

No description provided.



 tharika done

89ff2b8



amandiudawatta-uni merged commit `137f26b` into `main` now

Revert

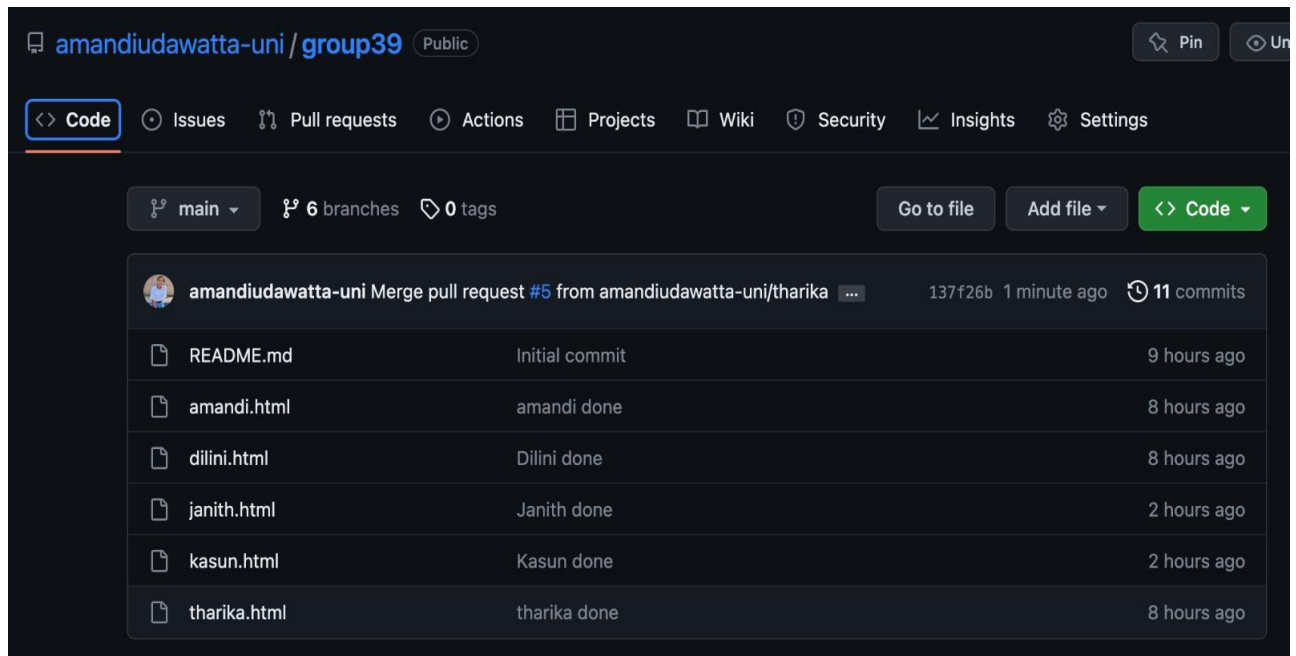


Pull request successfully merged and closed

You're all set—the `tharika` branch can be safely deleted.

Delete branch

8. Final out come (Five merged branches in the main branch)



Index No	Name	Email
21001952	K D J Thenuja	janith.thenuja@gmail.com
21001962	U Tharika Thushani	tharikathushani212@gmail.com
21001987	W K H Udara	kasunu2001@gmail.com
21001995	S H D Madhushani Udawaththa	dmadhushani611@gmail.com
21002002	U K H Amandi Udawatta	2021cs200@stu.ucsc.cmb.ac.lk