

## For CLEAR VISIBLE Screenshot - 4 points

Multiple GitHub account will be required. You can use your multiple account or can use your friend's account

### Task 1.1: Create a normal folder in your local system.

- PS C:\Users\Chanheng Menh\Documents\Spring-2026\DevOps> `mkdir devops-class-activity-1`

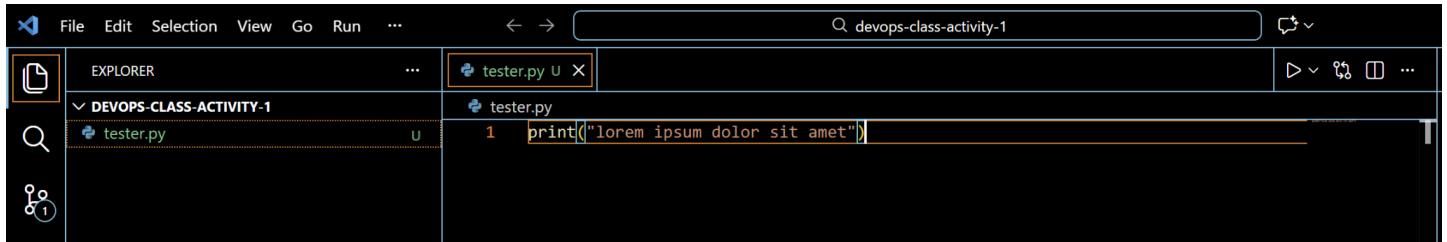
Directory: C:\Users\Chanheng Menh\Documents\Spring-2026\DevOps

Mode	LastWriteTime	Length	Name
d----	1/26/2026 14:26		devops-class-activity-1

### Task 1.2: Convert it in git working directory. - Command Screenshot

- PS C:\Users\Chanheng Menh\Documents\Spring-2026\DevOps> `git init`  
Reinitialized existing Git repository in C:/Users/Chanheng Menh/Documents/Spring-2026/DevOps/.git/
- PS C:\Users\Chanheng Menh\Documents\Spring-2026\DevOps> [REDACTED]

### Task 1.3: Add any files in the working directory.



### Task 1.4: Shift those files in the staging area - Command Screenshot

- PS C:\Users\Chanheng Menh\Documents\Spring-2026\DevOps\devops-class-activity-1> `git add .`
- PS C:\Users\Chanheng Menh\Documents\Spring-2026\DevOps\devops-class-activity-1> [REDACTED]

If required -Set Git Global name and email as required. Use email by which you can Login in your GitHub Account

### Task 1.5: Shift those files to the Local repository - Command Screenshot

- PS C:\Users\Chanheng Menh\Documents\Spring-2026\DevOps\devops-class-activity-1> `git commit -m "initial one"`  
[master (root-commit) 9b51b14] initial one  
1 file changed, 1 insertion(+)  
create mode 100644 devops-class-activity-1/tester.py
- PS C:\Users\Chanheng Menh\Documents\Spring-2026\DevOps\devops-class-activity-1> [REDACTED]

### Task 1.6: Check and show by default in which branch files are added? Command / Output Screenshot

- PS C:\Users\Chanheng Menh\Documents\Spring-2026\DevOps\devops-class-activity-1> `git branch`  
\* master
- PS C:\Users\Chanheng Menh\Documents\Spring-2026\DevOps\devops-class-activity-1> [REDACTED]

### Task 2.1: Create a repository in the GitHub giving the same/different name as your local repository.

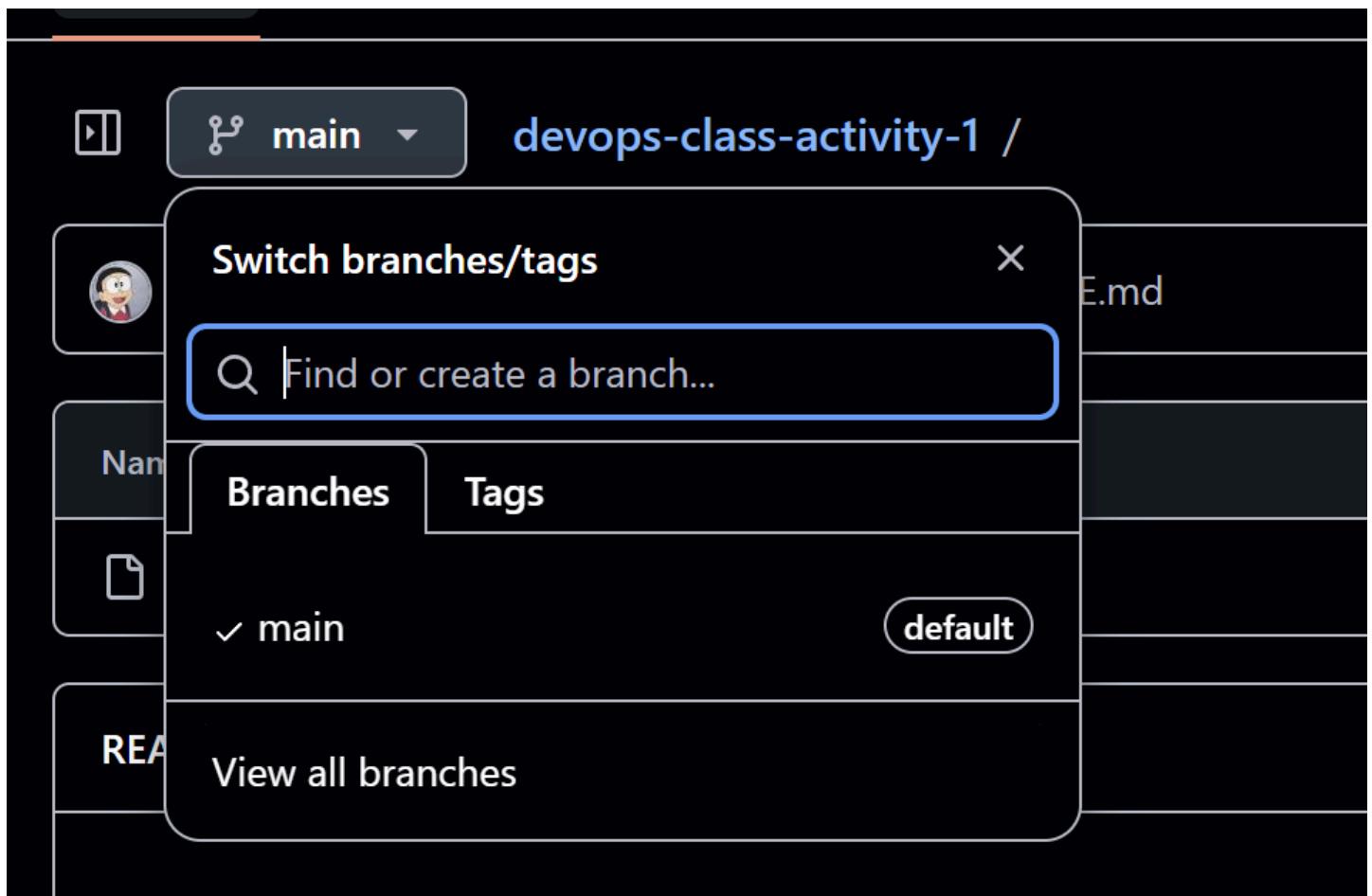
The screenshot shows a GitHub repository page for 'devops-class-activity-1'. At the top, there's a search bar and various navigation links like Code, Issues, Pull requests, Actions, Projects, Wiki, Security, Insights, and Settings. Below the header, there's a section for 'Start coding with Codespaces' which includes a 'Create a codespace' button. To the right, there's a 'Add collaborators to this repository' section with a 'Invite collaborators' button. A large central box contains instructions for 'Quick setup — if you've done this kind of thing before', showing options for 'Set up in Desktop' or 'HTTPS / SSH' with the URL <https://github.com/chanhengmenh/devops-class-activity-1.git>. It also provides a command-line setup script:

```
echo "# devops-class-activity-1" >> README.md
git init
git add README.md
git commit -m "first commit"
git branch -M main
git remote add origin https://github.com/chanhengmenh/devops-class-activity-1.git
git push -u origin main
```

## Task 2.2: Upload any different files in it

The screenshot shows a GitHub repository page for 'devops-class-activity-1'. The repository is set to the 'main' branch. In the main content area, there's a table showing the file 'README.md' with its last commit message: 'Add newline at the end of README.md' and a timestamp of 'now'. The file content itself is displayed as 'devops-class-activity-1'.

## Task 2.3: show by default in which branch files are added? Screenshot



Question 1: In this moment, without configuring anything is it possible to push local git repository to the GitHub repository? If no what things we need to do to resolve the issue - Answer / Command Screenshot

Answer: No, without the configuration, our local repository will not know our remote github repository. As a solution, we need to add remote origin (`git remote add origin <github repository url>`), and then we push it into the branch that we want (`git push -u origin main`)

```
PS C:\Users\Chanheng Menh\Documents\Spring-2026\DevOps\devops-class-activity-1> git remote add origin https://github.com/chanhengmenh/devops-class-activity-1.git
PS C:\Users\Chanheng Menh\Documents\Spring-2026\DevOps\devops-class-activity-1>
```

Question 2: After resolving the issue, if you push your repository in the GitHub, by default it will merge with main or will create another branch? Answer / Command Screenshot

Answer: It will create another branch. In default, our local repository branch is "master", and our github repository branch is "main", since they have different branch names, git will treat it as different histories, so it creates a new branch "master".

```
PS C:\Users\Chanheng Menh\Documents\Spring-2026\DevOps\devops-class-activity-1> git push -u origin master
Enumerating objects: 4, done.
Counting objects: 100% (4/4), done.
Delta compression using up to 16 threads
Compressing objects: 100% (2/2), done.
Writing objects: 100% (4/4), 312 bytes | 156.00 KiB/s, done.
Total 4 (delta 0), reused 0 (delta 0), pack-reused 0 (from 0)
remote:
remote: Create a pull request for 'master' on GitHub by visiting:
remote:     https://github.com/chanhengmenh/devops-class-activity-1/pull/new/master
remote:
To https://github.com/chanhengmenh/devops-class-activity-1.git
 * [new branch]      master -> master
branch 'master' set up to track 'origin/master'.
PS C:\Users\Chanheng Menh\Documents\Spring-2026\DevOps\devops-class-activity-1>
```

master had recent pushes 4 seconds ago

Compare & pull request

About

No description, website, or topics provided.

main · 1 Branch · 0 Tags

Go to file · Add file · <> Code

chanhengmehn · Add newline at the end of README.md · 7d21d7a · 22 minutes ago · 1 Commit

Readme · Activity · 0 stars

Question 3: Is it possible to change your local repository branch name from master to main? If yes, do it then check branch name. Screenshot

Answer: Yes, we can change the local repository branch name from master to main.

```
branch 'master' set up to track 'origin/master'.
PS C:\Users\Chanheng Menh\Documents\Spring-2026\DevOps\devops-class-activity-1> git branch -M main
PS C:\Users\Chanheng Menh\Documents\Spring-2026\DevOps\devops-class-activity-1> git branch
* main
PS C:\Users\Chanheng Menh\Documents\Spring-2026\DevOps\devops-class-activity-1>
```

Question 4: After change the branch name as main, is it possible to push the code in the GitHub and that files will merge in the main branch? Answer / Screenshot

Answer: No, it is not.

```
PS C:\Users\Chanheng Menh\Documents\Spring-2026\DevOps\devops-class-activity-1> git push -u origin main
To https://github.com/chanhengmehn/devops-class-activity-1.git
! [rejected]      main -> main (fetch first)
error: failed to push some refs to 'https://github.com/chanhengmehn/devops-class-activity-1.git'
hint: Updates were rejected because the remote contains work that you do not
hint: have locally. This is usually caused by another repository pushing to
hint: the same ref. If you want to integrate the remote changes, use
hint: 'git pull' before pushing again.
hint: See the 'Note about fast-forwards' in 'git push --help' for details.
PS C:\Users\Chanheng Menh\Documents\Spring-2026\DevOps\devops-class-activity-1>
```

Task 3.1: Clone your GitHub Repository Command / Output Screenshot

File Edit Selection View Go Run ...

devops-class-activity-1-clone

EXPLORER

DEVOPS-CLASS-ACTIVITY-1-CLONE

OUTLINE

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS

powershell + ×

CHAT

Build with Agent

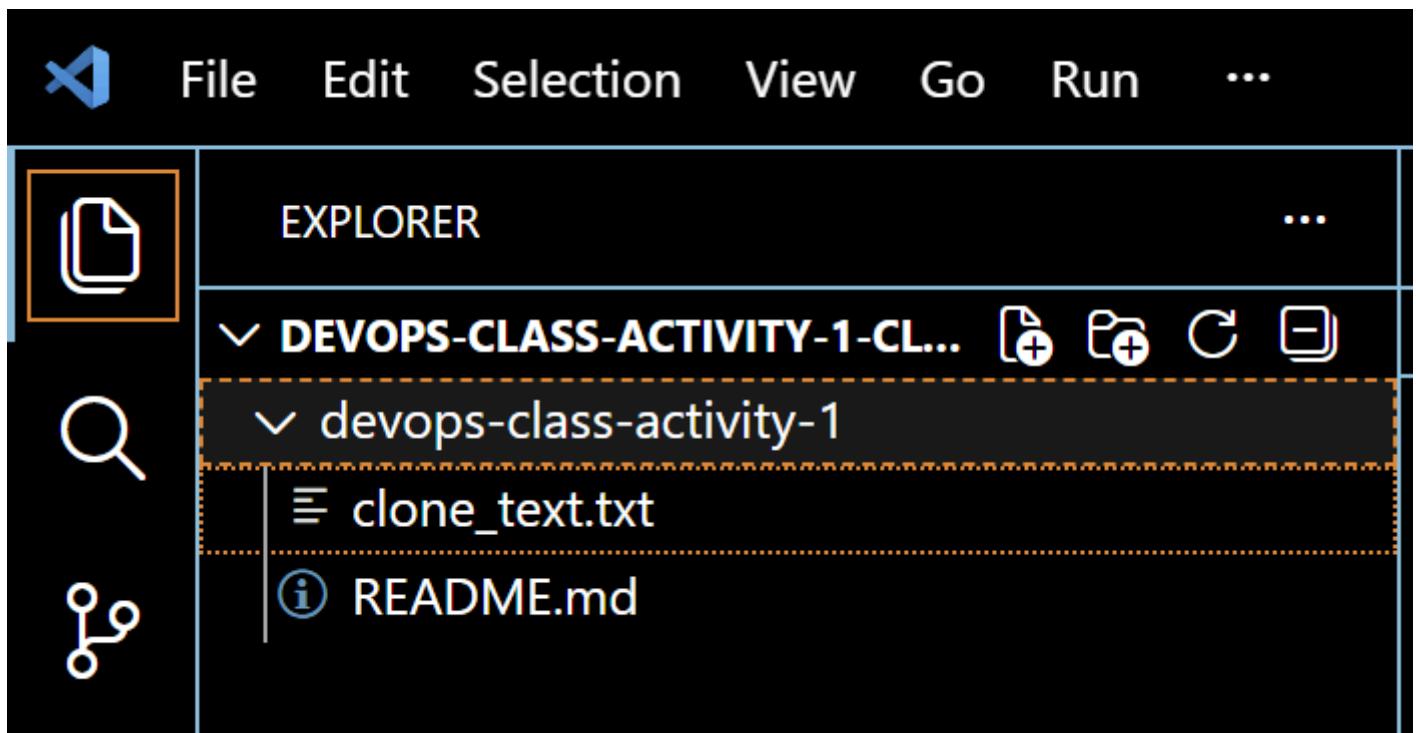
Add Context

Describe what to build next

Agent Auto

PS C:\Users\Chanheng Menh\Documents\Spring-2026\DevOps\devops-class-activity-1> git clone https://github.com/chanhengmehn/devops-class-activity-1.git
Cloning into 'devops-class-activity-1'...
remote: Enumerating objects: 7, done.
remote: Counting objects: 100% (7/7), done.
remote: Compressing objects: 100% (3/3), done.
remote: Total 7 (delta 0), reused 4 (delta 0), pack-reused 0 (from 0)
Receiving objects: 100% (7/7), done.
PS C:\Users\Chanheng Menh\Documents\Spring-2026\DevOps\devops-class-activity-1>

Task 3.2: Add new files in that Cloned working directory



Task 3.3. Do the needful to transfer your file from working directory to the local repository.

```
PS C:\Users\Chanheng_Menh\Documents\Spring-2026\DevOps\devops-class-activity-1> cd .\devops-class-activity-1\  
PS C:\Users\Chanheng_Menh\Documents\Spring-2026\DevOps\devops-class-activity-1> git add clone_text.txt  
PS C:\Users\Chanheng_Menh\Documents\Spring-2026\DevOps\devops-class-activity-1>
```

Task 3.4: Push your local repository to the GitHub repository.

```
PS C:\Users\Chanheng_Menh\Documents\Spring-2026\DevOps\devops-class-activity-1> git add clone_text.txt  
PS C:\Users\Chanheng_Menh\Documents\Spring-2026\DevOps\devops-class-activity-1> git commit -m "add file from clone"  
[main 27d060b] add file from clone  
 1 file changed, 1 insertion(+)  
   create mode 100644 clone_text.txt  
PS C:\Users\Chanheng_Menh\Documents\Spring-2026\DevOps\devops-class-activity-1> git push origin main  
Enumerating objects: 4, done.  
Counting objects: 100% (4/4), done.  
Delta compression using up to 16 threads  
Compressing objects: 100% (2/2), done.  
Writing objects: 100% (3/3), 296 bytes | 296.00 KiB/s, done.  
Total 3 (delta 0), reused 0 (delta 0), pack-reused 0 (from 0)  
To https://github.com/chanhengmenh/devops-class-activity-1.git  
 7d21d7a..27d060b main -> main  
PS C:\Users\Chanheng_Menh\Documents\Spring-2026\DevOps\devops-class-activity-1>
```

Task 3.5: Check in your GitHub repository the new files are added or not. Screenshot

The screenshot shows the GitHub repository page for 'devops-class-activity-1'. At the top, there's a navigation bar with icons for Home, Search, Fork, Watch, and a 'Code' button. Below the header, it displays 'main' branch, '2 Branches', and '0 Tags'. A search bar and a 'Go to file' button are also present. The main content area lists three commits:

- A commit by 'chanhengmenh' titled 'add file from clone' made 1 minute ago.
- A commit by the user titled 'Add newline at the end of README.md' made 9 hours ago.
- A commit by the user titled 'add file from clone' made 1 minute ago.

Below the commit list, the 'README' file is shown with its content: 'devops-class-activity-1'.

## Task 4.1: Copy the same GitHub repository from One Account to the Other Account - Screenshot

This screenshot shows a GitHub fork repository page. At the top, it displays the repository name "devops-class-activity-1" and its status as "Public". It also shows that it was forked from "chanhengmenh/devops-class-activity-1". The main branch is "main", there is 1 Branch, and 0 Tags. A search bar and navigation buttons for "Add file" and "Code" are visible. Below the header, a message states "This branch is up to date with chanhengmenh/devops-class-activity-1:main.". A "Contribute" button and a "Sync fork" button are present. The commit history shows two commits from "chanhengmenh": one adding a newline at the end of README.md 9 hours ago, and another adding file from clone 4 minutes ago. The repository has 2 Commits. On the right side, sections for "About", "Releases", and "Packages" are shown, each with a "No description, website, or topics provided." message and links to "Create a new release" and "Publish your first package".

Question 5: After copy if you change, update anything in your copied repository, Is there any effect on the original repository? Answer / Screenshot

Answer: There is no effect on the original repository because the fork repository is independent.

Original Repository:

This screenshot shows the original GitHub repository page for "devops-class-activity-1". The top navigation bar includes "Code", "Issues", "Pull requests", "Actions", "Projects", "Wiki", "Security", "Insights", and "Settings". The repository name "chanhengmenh / devops-class-activity-1" is displayed, along with a "Public" badge. A search bar and navigation buttons for "Pin", "Watch", "Fork", and "Star" are present. The main branch is "main", there are 2 Branches, and 0 Tags. The commit history shows two commits from "chanhengmenh": one adding a newline at the end of README.md 9 hours ago, and another adding file from clone 8 minutes ago. The repository has 2 Commits. On the right side, sections for "About", "Releases", and "Packages" are shown, each with a "No description, website, or topics provided." message and links to "Create a new release" and "Publish your first package".

Fork Repository:

This branch is 1 commit ahead of [chanhengmehn/devops-class-activity-1:main](#).

[Contribute](#) [Sync fork](#)

**chanhengmenhomg-create Create fork\_file** 436ceba · 2 minutes ago 3 Commits

- README.md Add newline at the end of README.md 9 hours ago
- clone\_text.txt add file from clone 8 minutes ago
- task-5-1-file.py Create fork\_file 2 minutes ago

**README**

## devops-class-activity-1

Task 5.1: Add 1 new file in your local working directory (previously cloned repository) and shift it to local repository.

```
(base) PS C:\Users\Chanheng.Menh\Documents\Spring-2026\DevOps\devops-class-activity-1-clone\devops-class-activity-1> git add .\task-5-1-file.py
(base) PS C:\Users\Chanheng.Menh\Documents\Spring-2026\DevOps\devops-class-activity-1-clone\devops-class-activity-1> git commit -m "Prepared file for Task 5.1"
[main 2da13e5] Prepared file for Task 5.1
 1 file changed, 1 insertion(+)
 create mode 100644 task-5-1-file.py
```

Question 6: Without changing any configuration, settings, is it possible to push the local repository to the GitHub copied repository? If yes, do it. If no resolve issue and then Push. Answer/Screenshot.

Answer: No, it is not possible to push the local repository to the Github copied repository without changing any configurations or settings.

This one pushed to the original GitHub repository instead of the forked one.

```
(base) PS C:\Users\Chanheng.Menh\Documents\Spring-2026\DevOps\devops-class-activity-1-clone\devops-class-activity-1> git push origin main
Enumerating objects: 4, done.
Counting objects: 100% (4/4), done.
Delta compression using up to 16 threads
Compressing objects: 100% (2/2), done.
Writing objects: 100% (3/3), 360 bytes | 360.00 KiB/s, done.
Total 3 (delta 0), reused 0 (delta 0), pack-reused 0 (from 0)
To https://github.com/chanhengmehn/devops-class-activity-1.git
 27d060b..2da13e5  main -> main

```

**chanhengmehn Prepared file for Task 5.1** 2da13e5 · 30 minutes ago 3 Commits

- README.md Add newline at the end of README.md 20 hours ago
- clone\_text.txt add file from clone 11 hours ago
- task-5-1-file.py Prepared file for Task 5.1 30 minutes ago

## (Forked one)

 devops-class-activity-1 Public  
forked from [chanhengmenh/devops-class-activity-1](#)

Pin Watch 0 Fork 0 Star 0

main 1 Branch 0 Tags Go to file Add file Code About

This branch is 1 commit ahead of and 1 commit behind [chanhengmenh/devops-class-activity-1:main](#).

Contribute Sync fork

chanhengmenh Create fork\_file 436ceba · 11 hours ago 3 Commits

README.md Add newline at the end of README.md 20 hours ago

clone\_text.txt add file from clone 11 hours ago

fork\_file Create fork\_file 11 hours ago

README

## devops-class-activity-1

No description, website, or topics provided.

Readme Activity 0 stars 0 watching 0 forks

Releases No releases published [Create a new release](#)

Packages No packages published [Publish your first package](#)

```
(base) PS C:\Users\Chanheng Menh\Documents\Spring-2026\DevOps\devops-class-activity-1> git remote set-url origin https://github.com/chanhengmenhong-create/devops-class-activity-1.git
(base) PS C:\Users\Chanheng Menh\Documents\Spring-2026\DevOps\devops-class-activity-1> git push origin main
To https://github.com/chanhengmenhong-create/devops-class-activity-1.git
 ! [rejected]      main -> main (fetch first)
error: failed to push some refs to 'https://github.com/chanhengmenhong-create/devops-class-activity-1.git'
hint: Updates were rejected because the remote contains work that you do not
hint: have locally. This is usually caused by another repository pushing to
hint: the same ref. If you want to integrate the remote changes, use
hint: 'git pull' before pushing again.
hint: See the 'Note about fast-forwards' in 'git push --help' for details.
(base) PS C:\Users\Chanheng Menh\Documents\Spring-2026\DevOps\devops-class-activity-1> git pull origin main --allow-unrelated-histories
remote: Enumerating objects: 4, done.
remote: Counting objects: 100% (4/4), done.
remote: Compressing objects: 100% (2/2), done.
remote: Total 3 (delta 0), reused 0 (delta 0), pack-reused 0 (from 0)
Unpacking objects: 100% (3/3), 999 bytes | 66.00 KiB/s, done.
From https://github.com/chanhengmenhong-create/devops-class-activity-1
 * branch            main      -> FETCH_HEAD
 + 2da13e5...436ceba main      -> origin/main (forced update)
Merge made by the 'ort' strategy.
 fork_file | 1 +
 1 file changed, 1 insertion(+)
 create mode 100644 fork_file

(base) PS C:\Users\Chanheng Menh\Documents\Spring-2026\DevOps\devops-class-activity-1> git push origin main
Enumerating objects: 4, done.
Counting objects: 100% (4/4), done.
Delta compression using up to 16 threads
Compressing objects: 100% (2/2), done.
Writing objects: 100% (2/2), 352 bytes | 352.00 KiB/s, done.
Total 2 (delta 1), reused 0 (delta 0), pack-reused 0 (from 0)
remote: Resolving deltas: 100% (1/1), completed with 1 local object.
To https://github.com/chanhengmenhong-create/devops-class-activity-1.git
 ! [remote rejected] main -> main (permission denied)
error: failed to push some refs to 'https://github.com/chanhengmenhong-create/devops-class-activity-1.git'

Error: Failed to push some files to https://github.com/chanhengmenhong-create/devops-class-activity-1.git
(base) PS C:\Users\Chanheng Menh\Documents\Spring-2026\DevOps\devops-class-activity-1> git push https://ghp_BR7rVsiJMiolk4Ii3STpUzPPwBnM6q1Z89Hc@github.com/chanhengmenhong-create/devops-class-activity-1.git
Enumerating objects: 4, done.
Counting objects: 100% (4/4), done.
Delta compression using up to 16 threads
Compressing objects: 100% (2/2), done.
Writing objects: 100% (2/2), 352 bytes | 176.00 KiB/s, done.
Total 2 (delta 1), reused 0 (delta 0), pack-reused 0 (from 0)
remote: Resolving deltas: 100% (1/1), completed with 1 local object.
To https://github.com/chanhengmenhong-create/devops-class-activity-1.git
 436ceba..c784957 main -> main

(base) PS C:\Users\Chanheng Menh\Documents\Spring-2026\DevOps\devops-class-activity-1>
```

chanhengmenhomg-create / devops-class-activity-1

Type to search

Code Pull requests Actions Projects Wiki Security Insights Settings

Pin Watch Fork Star

devops-class-activity-1 Public

forked from [chanhengmenh/devops-class-activity-1](#)

main 1 Branch 0 Tags Go to file Add file Code

This branch is 2 commits ahead of [chanhengmenh/devops-class-activity-1:main](#). Contribute Sync fork

chanhengmen Merge branch 'main' of [https://github.com/chanhengmenhomg-create...](#) · c784957 · 29 minutes ago 5 Commits

README.md Add newline at the end of README.md yesterday

clone\_text.txt add file from clone 12 hours ago

fork\_file Create fork\_file 12 hours ago

task-5-1-file.py Prepared file for Task 5.1 1 hour ago

README

# devops-class-activity-1

About

No description, website, or topics provided.

Readme Activity 0 stars 0 watching 0 forks

Releases

No releases published [Create a new release](#)

Packages

No packages published [Publish your first package](#)

Languages