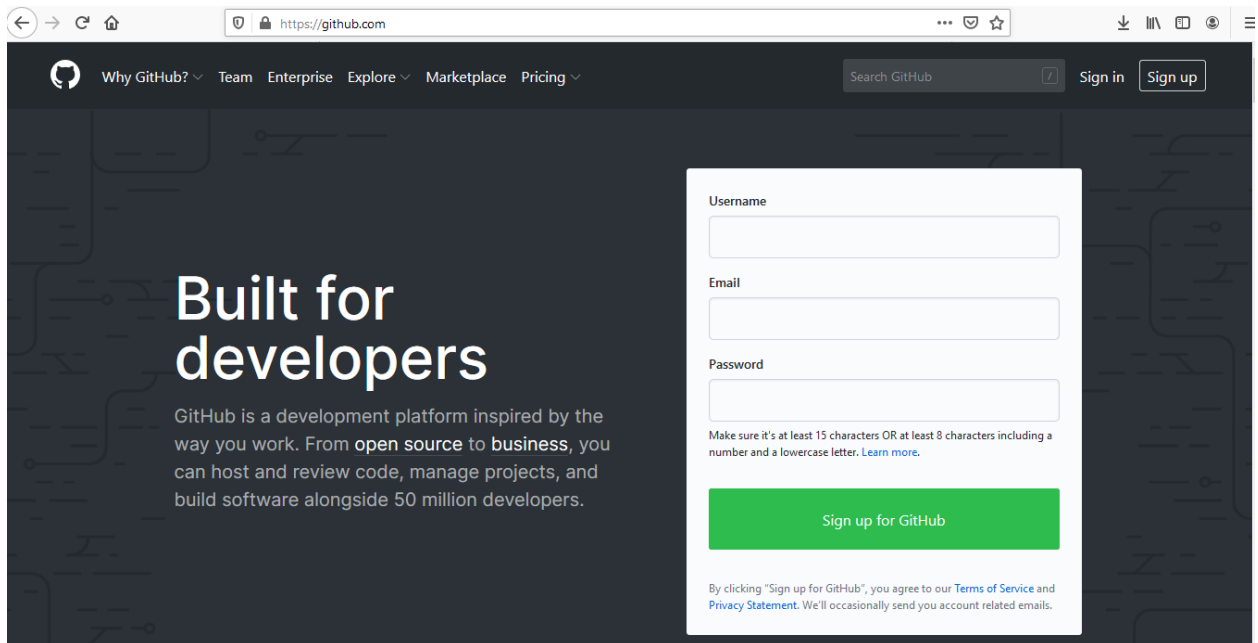


Guide on how to perform version control using Lab 2c as an example

1. Please watch this video for an short introduction to GitHub,
<https://www.youtube.com/watch?v=iv8rSLsi1xo>.
2. Make sure that your Lab2c files are copies to your desktop.
3. Go to <https://github.com/>



4. Register for your own Git account as shown in the following screenshots.

The screenshot shows the GitHub account creation interface. At the top is a dark navigation bar with the GitHub logo, links for 'Why GitHub?', 'Team', 'Enterprise', 'Explore', 'Marketplace', and 'Pricing', a search bar, and 'Sign in' and 'Sign up' buttons. Below the navigation bar, the text 'Join GitHub' is centered. The main heading is 'Create your account'. Underneath, the section 'Verify your account' contains a large light gray box with the text 'Please solve this puzzle so we know you are a real person' and a 'Verify' button. A small speaker icon is in the bottom right of this box. Below the verification box, the 'Email preferences' section has a checkbox labeled 'Send me occasional product updates, announcements, and offers.' At the bottom is a blue button labeled 'Join a free plan'.

Join GitHub

Create your account

Verify your account

Please solve this puzzle so we know you are a real person

Verify

Email preferences

☐ Send me occasional product updates, announcements, and offers.

Join a free plan


5. Verify your account by rotating the image correctly.
6. Click on Done below the image and Click on the “Join a free plan” button.

Join GitHub

Create your account

Verify your account

When the image is the correct way up touch Done!



Done

?
↺
🔊

Email preferences

☐ Send me occasional product updates, announcements, and offers.

Join a free plan

7. Indicate your options and click on the “Complete setup” button.

Welcome to GitHub

Woohoo! You've joined millions of developers who are doing their best work on GitHub. Tell us what you're interested in. We'll help you get there.










What kind of work do you do, mainly?

Software Engineer I write code	Student I go to school
Product Manager I write specs	UX & Design I draw interfaces
Data & Analytics I write queries	Marketing & Sales I look at charts
Teacher I educate people	Other I do my own thing

How much programming experience do you have?

None I don't program at all	A little I'm new to programming
---------------------------------------	---

(Select up to 3)

 Learn to code	 Learn Git and GitHub	 Host a project (repository)
 Create a website with GitHub Pages	 Collaborating with my team	 Find and contribute to open source
 School work and student projects	 Use the GitHub API	 Other

I am interested in:


languages, frameworks, industries

We'll connect you with communities and projects that fit your interests.

For example: [wordpress](#) [project-management](#) [activitypub](#)

Complete setup

8. Go to your email and click on the Verify email address button as shown below/



Please verify your email address

Before you can contribute on GitHub, we need you to verify your email address.

An email containing verification instructions was sent to **danyew75@hotmail.com**.

[Resend verification email](#)[Change your email settings](#)

GitHub

Subscribe to our newsletter
Get product updates, company news, and more.

Subscribe

Product

Features

Security

Team

Enterprise

Customer stories

Pricing

Resources

Platform

Developer API

Partners

Atom

Electron

GitHub Desktop

Support

Help

Community Forum

Professional Services

Learning Lab

Status

Contact GitHub

Company

About

Blog

Careers

Press

Social Impact

Shop

[GitHub] Please verify your email address.

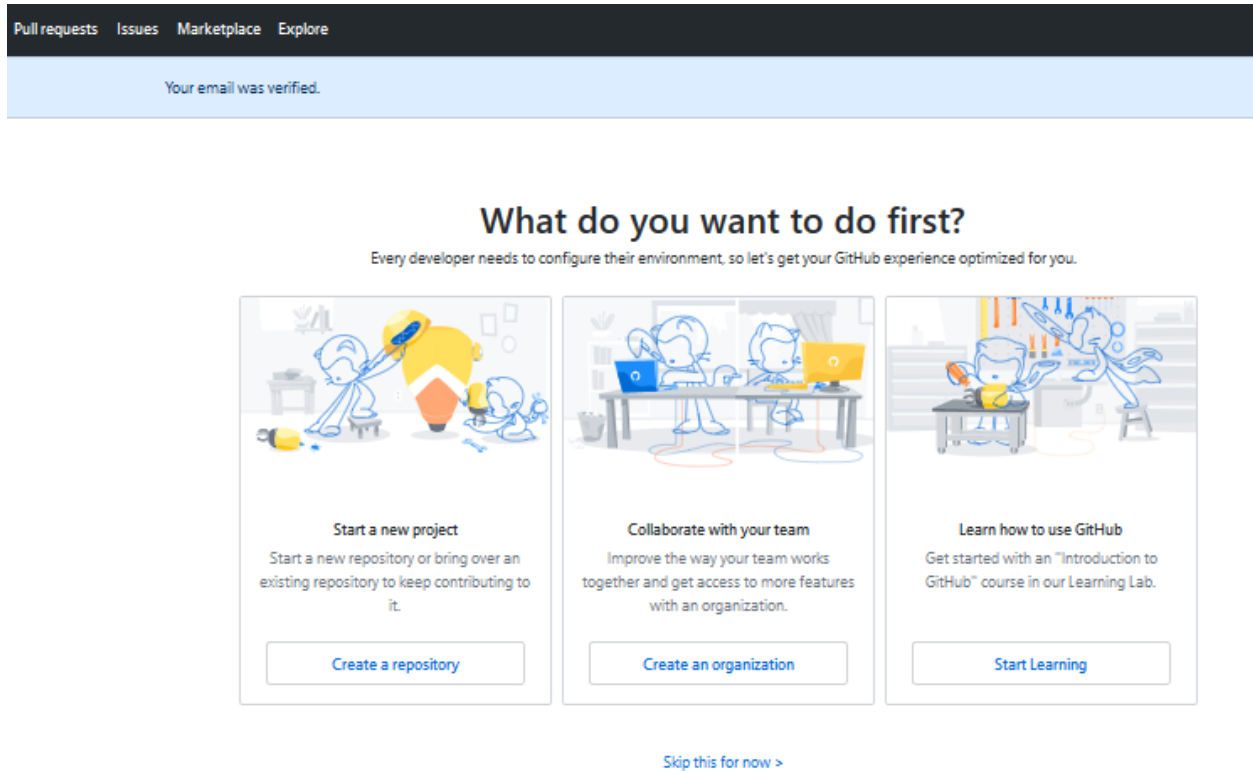


Almost done, @ [REDACTED]! To complete your GitHub sign up, we just need to verify your email address: [REDACTED].com.

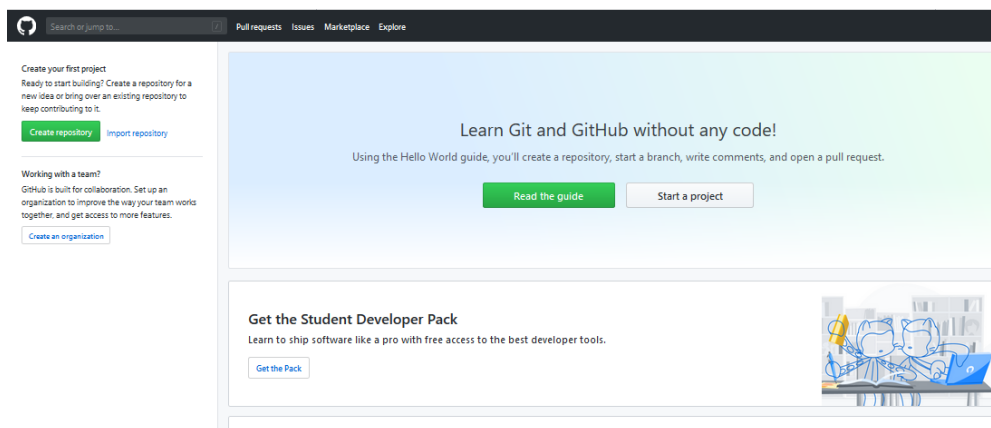
Verify email address

Once verified, you can start using all of GitHub's features to explore, build, and share projects.

9. Click on “Skip this for now”.



10. You will arrive at the following screenshot. Click on the green button labelled “Create repository”.





11. Name the Repository name as “Lab2c”.
12. Set the Repository to Public.
13. Check Initialize this repository with README.
14. Click on Create Repository as shown below.

Create a new repository

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

Owner

Repository name *

 MrDanielYew - / Lab2c 

Great repository names are short and memorable. Need inspiration? How about [redesigned-umbrella?](#)

Description (optional)

Lab2c files



Public

Anyone can see this repository. You choose who can commit.



Private

You choose who can see and commit to this repository.

Skip this step if you're importing an existing repository.

☒ Initialize this repository with a README

This will let you immediately clone the repository to your computer.

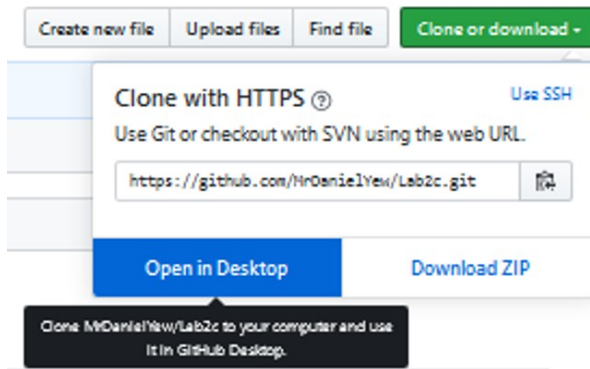
Add .gitignore: **None** -

Add a license: **None** -



Create repository

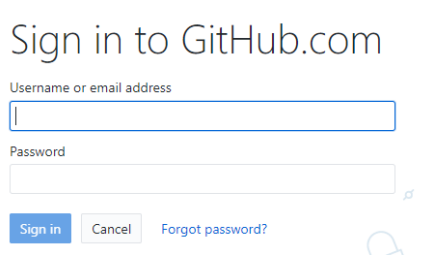
15. Click on Clone or download button and select Open in Desktop.



16. Download and install the desktop version of GitHub



17. Sign in as shown below.



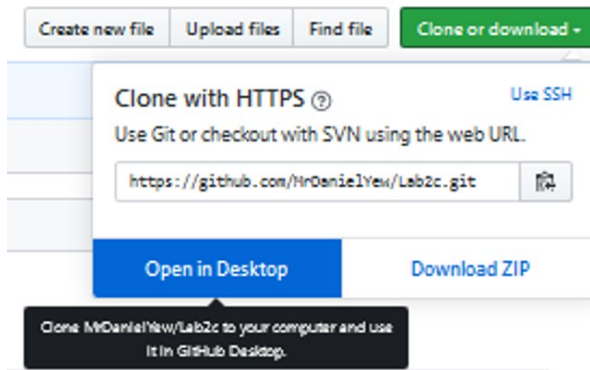
Sign in to GitHub.com

Username or email address

Password

[Sign in](#) [Cancel](#) [Forgot password?](#)

18. Go to your Github.com account and Click on Clone or download button and select Open in Desktop.



Create new file Upload files Find file Clone or download +

Clone with HTTPS ⓘ Use SSH

Use Git or checkout with SVN using the web URL.

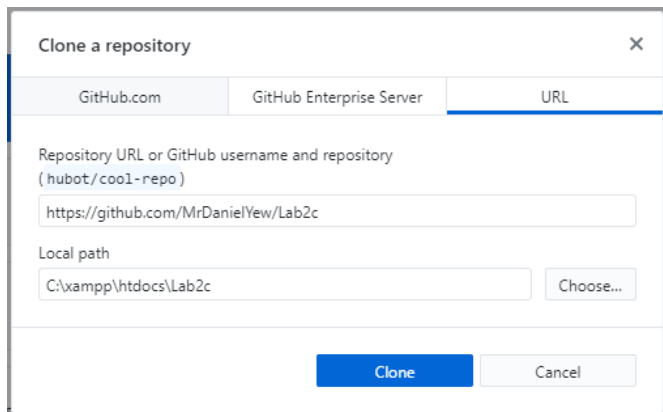
[Open in Desktop](#) [Download ZIP](#)

Clone MrDanielYew/Lab2c to your computer and use it in GitHub Desktop.

19. Browse the folder to C:\xampp\htdocs folder and type Lab2c. Lab2c folder will be added for you.

Update the Repository URL if necessary.

20. Click on Clone.



Clone a repository

GitHub.com GitHub Enterprise Server URL

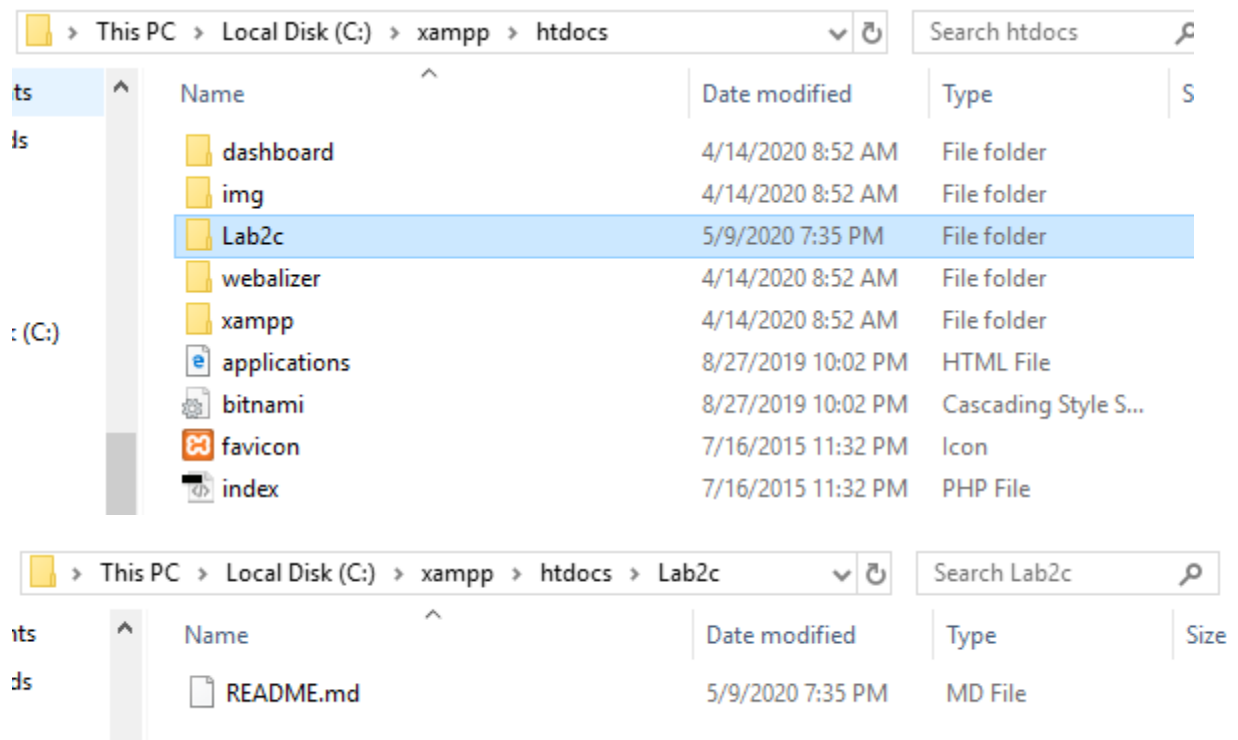
Repository URL or GitHub username and repository
(hubot/cool-repo)

Local path

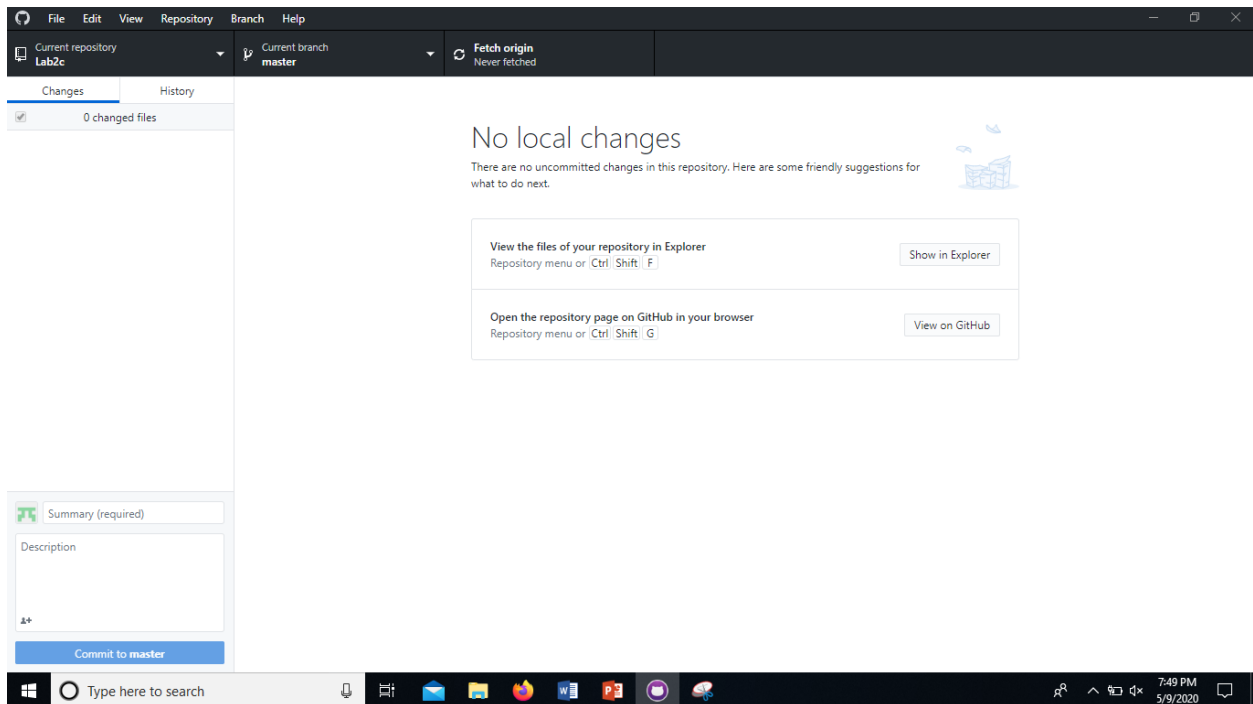
[Choose...](#)

[Clone](#) [Cancel](#)

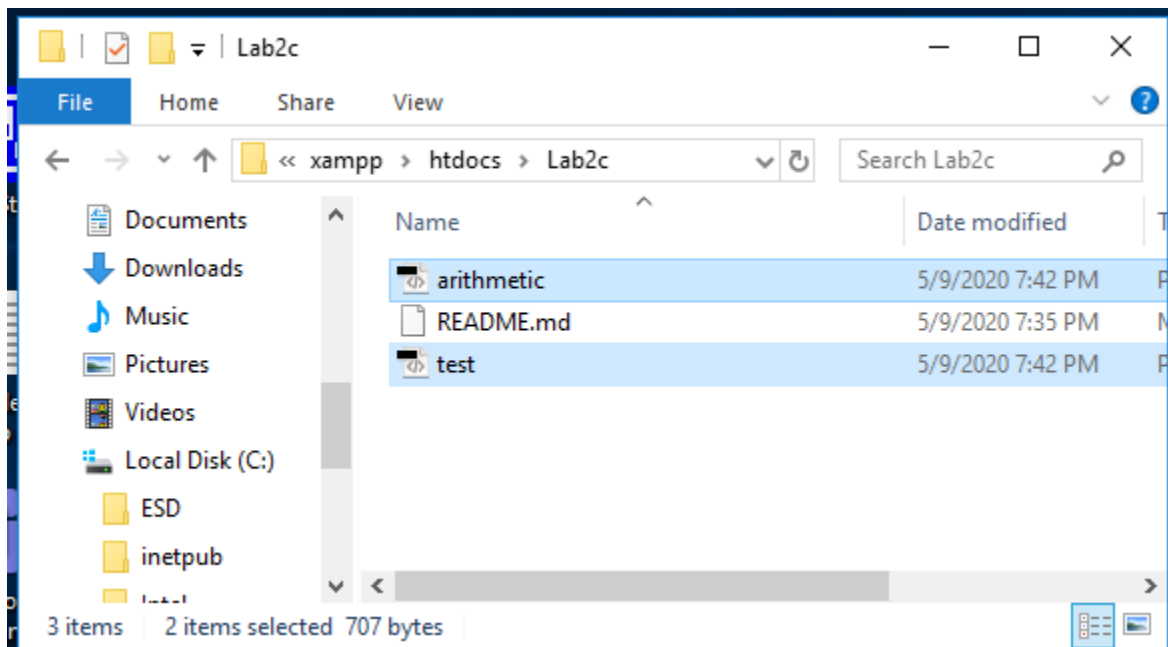
21. Check that Lab2c has appeared and that it has a file inside as shown below.



22. Notice your empty github desktop screen as shown below.



23. Drag all the files over to the repository folder of as shown below.



24. Notice the your github desktop updates with 2 files.

Current repository
Lab2c

Current branch
master

Fetch origin
Last fetched 12 minutes ago

Changes **2**

History

☒ 2 changed files

☒ arithmetic.php

☒ test.php

arithmetic.php

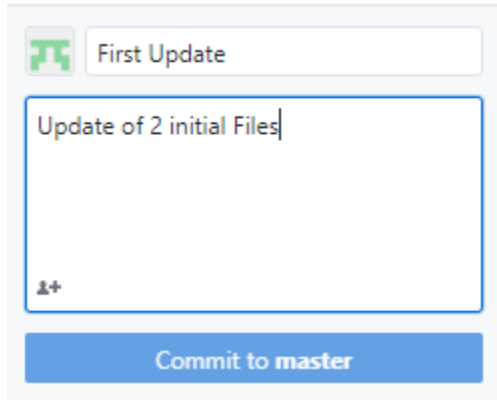
```
@@ -0,0 +1,20 @@
1 +<?php
2 +//arithmetic php
3 +//Perform arithmetic operations abd assign the results to variables.
4 +
5 +$addition = 2 + 4 ;
6 +$substraction = 6 -2 ;
7 +$multiplication = 5 * 3;
8 +$division = 15/3;
9 +$modulus = 5% 2;
10 +
11 +//Output the result
12 +echo "Perform addition: 2 + 4 = ".$addition."<br>";
13 +echo "Perform subtraction: 6 - 2 = ".$substraction."<br>" ;
14 +echo "Perform multiplication: 5 * 3 = ".$multiplication."<br>" ;
15 +echo "Perform division: 15 / 3 = ".$division."<br>" ;
16 +echo "Perform modulus: 5 % 2 = ".$modulus."<br>" ;
17 +
18 +
19 +
20 +?> 
```

Summary (required)

Description

Commit to master

25. Key in some description of the updates as shown below and click on Commit to master button to save the changes.

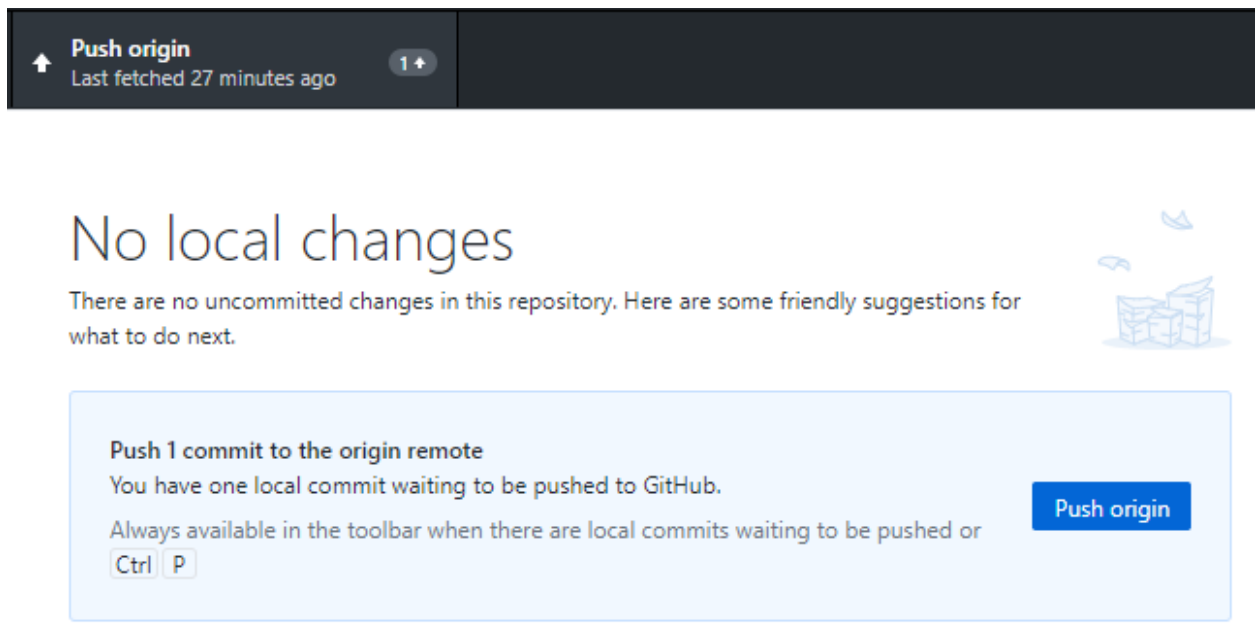


First Update

Update of 2 initial Files

Commit to master

26. Click on Push origin button to upload the 2 new files into Github.com.



Push origin
Last fetched 27 minutes ago 1+

No local changes

There are no uncommitted changes in this repository. Here are some friendly suggestions for what to do next.

Push 1 commit to the origin remote
You have one local commit waiting to be pushed to GitHub.

Always available in the toolbar when there are local commits waiting to be pushed or **Ctrl P**

Push origin

Notice that 2 files have been uploaded to Github.com.

MrDanielYew / Lab2c

Unwatch

1

Star

0

Fork

0

Code

Issues 0

Pull requests 0

Actions

Projects 0

Wiki

Security 0

Insights

Settings

No description, website, or topics provided.

Edit

Manage topics

2 commits

1 branch

0 packages

0 releases

1 contributor

Branch: master

New pull request

Create new file

Upload files

Find file

Clone or download

MrDanielYew First Update of 2 files

Latest commit 7a18ef4 4 minutes ago

README.md

Initial commit

2 hours ago

arithmetic.php

First Update of 2 files

4 minutes ago

test.php

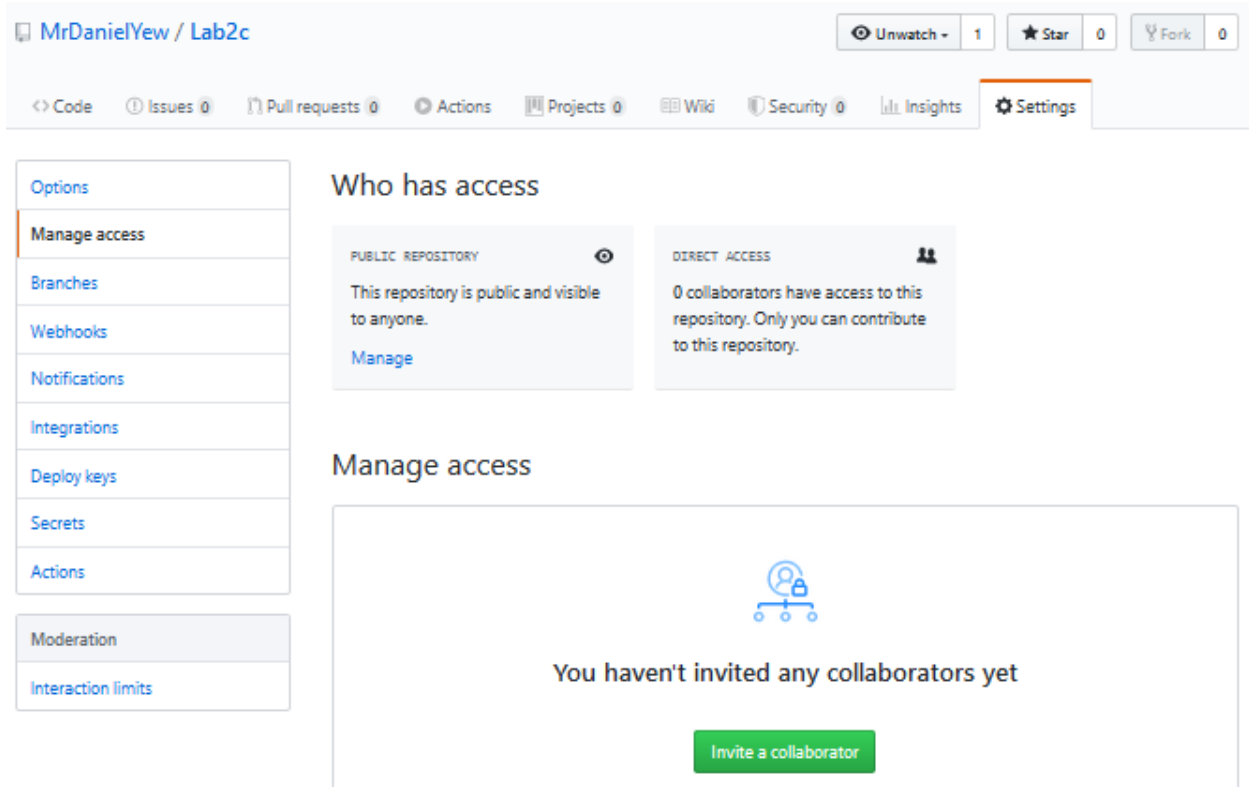
First Update of 2 files

4 minutes ago

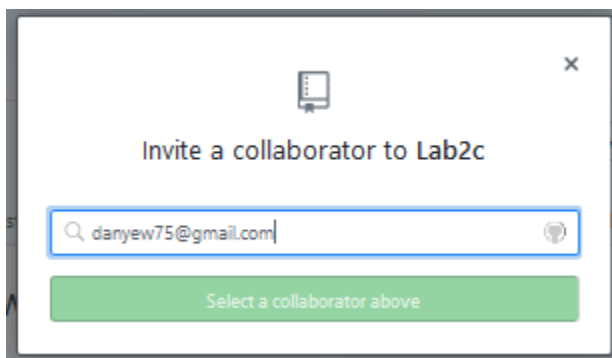
README.md

Lab2c

27. Go to Github.com.
28. Click on Manage Access.
29. Click on Invite a collaborator.



30. Enter danyew75@gmail.com and click on Select a collaborator above button!



31. Use the above steps as a guide to perform version control on your PESS project.
32. Name your repository as RegNo_yourname_PESS.
33. Add my email address danyew75@gmail.com as a collaborator.
34. Screenshot all your steps in a word or pdf.
35. Save your pdf file as RegNo_Name_Versioncontrol.
36. Remember to submit this file to myconnexion, the google drive folder whose link you have shared with me and the

Additional Resources

What is Git | What is GitHub | Git Tutorial | GitHub Tutorial

<https://www.youtube.com/watch?v=xuB1ld2Wxak>

Merge request conflict resolution

https://docs.gitlab.com/ee/user/project/merge_requests/resolve_conflicts.html#conflicts-available-for-resolution

Creating Branch in GitHub | Pull Request | Merge

<https://www.youtube.com/watch?v=OVQK2zzb6U8>