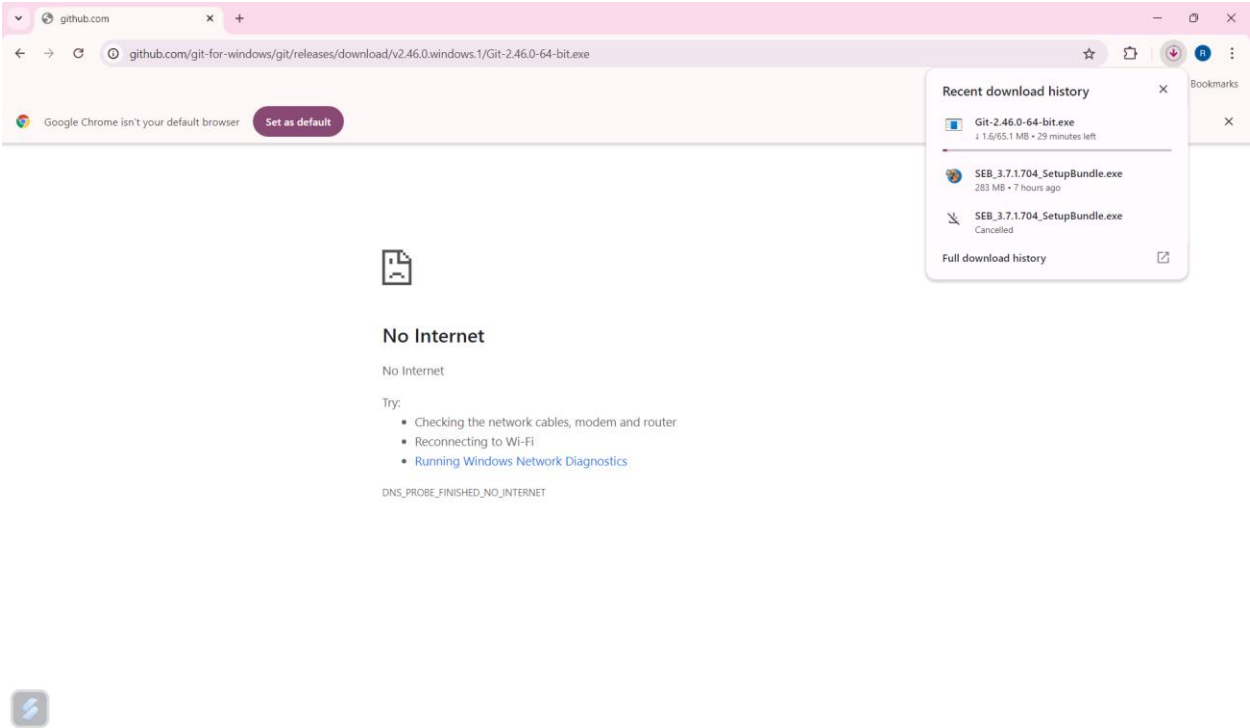


231035


Downloading



Git - Downloading Package

git-scm.com/download/win

☆🔖📄🔍

 **git** --local-branching-on-the-cheap

Search entire site...

Download for Windows

Click [here to download](#) the latest (**2.46.0**) **64-bit** version of **Git for Windows** was released **10 days ago**, on 2024-07-29.

Other Git for Windows downloads

Standalone Installer

[32-bit Git for Windows Setup.](#)

[64-bit Git for Windows Setup.](#)

Portable ("thumbdrive edition")

[32-bit Git for Windows Portable.](#)

[64-bit Git for Windows Portable.](#)

Using winget tool




Install [winget](#) tool if you don't already have it, then type this command in command prompt or Powershell.

```
winget install --id Git.Git -e --source winget
```


The current source code release is version **2.46.0**. If you want the newer version, you can build it from [the source code](#).


Now What?


Now that you have downloaded Git, it's time to start using it.





Recent download history

 **Git-2.46.0-64-bit.exe**
65.1 MB • Done

 **Git-2.46.0-64-bit.exe**
File wasn't available on site

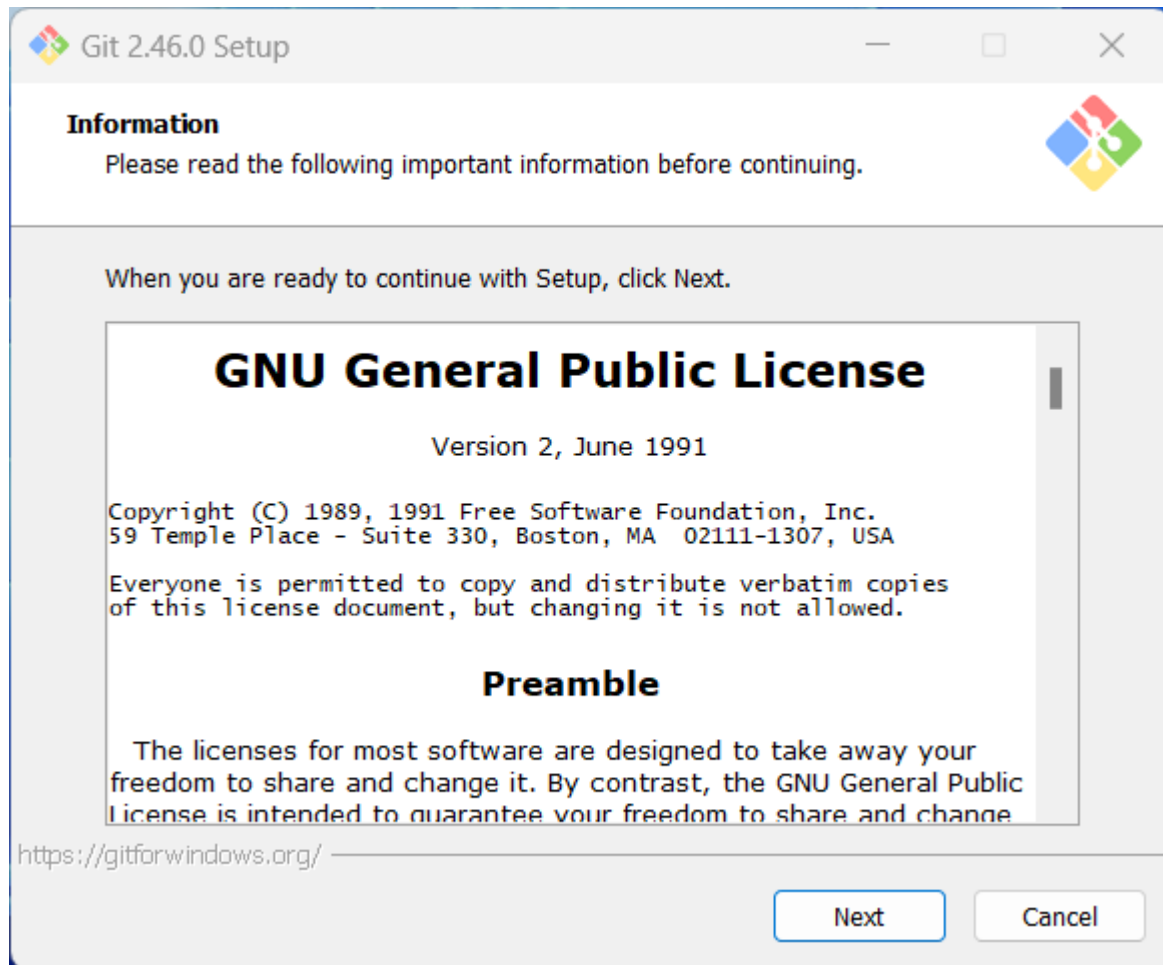
 **Git-2.46.0-64-bit.exe**
Cancelled

 **SEB_3.7.1.704_SetupBundle.exe**
283 MB • 8 hours ago

 **SEB_3.7.1.704_SetupBundle.exe**
Cancelled

Full download history

Installing





Git 2.46.0 Setup



Select Destination Location

Where should Git be installed?



Setup will install Git into the following folder.

To continue, click Next. If you would like to select a different folder, click Browse.

C:\Program Files\Git

Browse...

At least 339.6 MB of free disk space is required.

<https://gitforwindows.org/>

Back

Next

Cancel



Git 2.46.0 Setup



Select Components

Which components should be installed?



Select the components you want to install; clear the components you do not want to install. Click Next when you are ready to continue.

<input checked="" type="checkbox"/>	On the Desktop
<input checked="" type="checkbox"/>	Windows Explorer integration
<input checked="" type="checkbox"/>	Open Git Bash here
<input checked="" type="checkbox"/>	Open Git GUI here
<input checked="" type="checkbox"/>	Git LFS (Large File Support)
<input checked="" type="checkbox"/>	Associate .git* configuration files with the default text editor
<input checked="" type="checkbox"/>	Associate .sh files to be run with Bash
<input type="checkbox"/>	Check daily for Git for Windows updates
<input type="checkbox"/>	(NEW!) Add a Git Bash Profile to Windows Terminal
<input checked="" type="checkbox"/>	(NEW!) Scalar (Git add-on to manage large-scale repositories)

Current selection requires at least 339.6 MB of disk space.

<https://gitforwindows.org/>

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Cancel



Git 2.46.0 Setup



Select Start Menu Folder



Where should Setup place the program's shortcuts?



Setup will create the program's shortcuts in the following Start Menu folder.

To continue, click Next. If you would like to select a different folder, click Browse.

Git

Browse...



Don't create a Start Menu folder

<https://gitforwindows.org/>

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Git 2.46.0 Setup



Choosing the default editor used by Git

Which editor would you like Git to use?



Use Vim (the ubiquitous text editor) as Git's default editor



The [Vim editor](#), while powerful, [can be hard to use](#). Its user interface is unintuitive and its key bindings are awkward.

Note: Vim is the default editor of Git for Windows only for historical reasons, and it is highly recommended to switch to a modern GUI editor instead.

Note: This will leave the 'core.editor' option unset, which will make Git fall back to the 'EDITOR' environment variable. The default editor is Vim - but you may set it to some other editor of your choice.

<https://gitforwindows.org/>

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Git 2.46.0 Setup



Adjusting the name of the initial branch in new repositories

What would you like Git to name the initial branch after "git init"?



☒ **Let Git decide**

Let Git use its default branch name (currently: "master") for the initial branch in newly created repositories. The Git project [intends](#) to change this default to a more inclusive name in the near future.

☐ **Override the default branch name for new repositories**

NEW! Many teams already renamed their default branches; common choices are "main", "trunk" and "development". Specify the name "git init" should use for the initial branch:

This setting does not affect existing repositories.

<https://gitforwindows.org/>

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Git 2.46.0 Setup



Adjusting your PATH environment

How would you like to use Git from the command line?



☐ **Use Git from Git Bash only**

This is the most cautious choice as your PATH will not be modified at all. You will only be able to use the Git command line tools from Git Bash.

☒ **Git from the command line and also from 3rd-party software**

(Recommended) This option adds only some minimal Git wrappers to your PATH to avoid cluttering your environment with optional Unix tools. You will be able to use Git from Git Bash, the Command Prompt and the Windows PowerShell as well as any third-party software looking for Git in PATH.

☐ **Use Git and optional Unix tools from the Command Prompt**

Both Git and the optional Unix tools will be added to your PATH.

Warning: This will override Windows tools like "find" and "sort". Only use this option if you understand the implications.

<https://gitforwindows.org/>

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Git 2.46.0 Setup



Choosing the SSH executable

Which Secure Shell client program would you like Git to use?



☒ **Use bundled OpenSSH**

This uses ssh.exe that comes with Git.

☐ **Use external OpenSSH**

NEW! This uses an external ssh.exe. Git will not install its own OpenSSH (and related) binaries but use them as found on the PATH.

<https://gitforwindows.org/>

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Git 2.46.0 Setup



Choosing HTTPS transport backend

Which SSL/TLS library would you like Git to use for HTTPS connections?



☒ **Use the OpenSSL library**

Server certificates will be validated using the ca-bundle.crt file.

☐ **Use the native Windows Secure Channel library**

Server certificates will be validated using Windows Certificate Stores.
This option also allows you to use your company's internal Root CA certificates distributed e.g. via Active Directory Domain Services.

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Git 2.46.0 Setup



Configuring the line ending conversions

How should Git treat line endings in text files?



☒ **Checkout Windows-style, commit Unix-style line endings**

Git will convert LF to CRLF when checking out text files. When committing text files, CRLF will be converted to LF. For cross-platform projects, this is the recommended setting on Windows ("core.autocrlf" is set to "true").

☐ **Checkout as-is, commit Unix-style line endings**

Git will not perform any conversion when checking out text files. When committing text files, CRLF will be converted to LF. For cross-platform projects, this is the recommended setting on Unix ("core.autocrlf" is set to "input").

☐ **Checkout as-is, commit as-is**

Git will not perform any conversions when checking out or committing text files. Choosing this option is not recommended for cross-platform projects ("core.autocrlf" is set to "false").

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Git 2.46.0 Setup



Configuring the terminal emulator to use with Git Bash

Which terminal emulator do you want to use with your Git Bash?



☒ **Use MinTTY (the default terminal of MSYS2)**

Git Bash will use MinTTY as terminal emulator, which sports a resizable window, non-rectangular selections and a Unicode font. Windows console programs (such as interactive Python) must be launched via ``winpty`` to work in MinTTY.

☐ **Use Windows' default console window**

Git will use the default console window of Windows ("cmd.exe"), which works well with Win32 console programs such as interactive Python or node.js, but has a very limited default scroll-back, needs to be configured to use a Unicode font in order to display non-ASCII characters correctly, and prior to Windows 10 its window was not freely resizable and it only allowed rectangular text selections.

<https://gitforwindows.org/>

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Git 2.46.0 Setup



Choose the default behavior of ``git pull``

What should ``git pull`` do by default?



☒ **Fast-forward or merge**

Fast-forward the current branch to the fetched branch when possible, otherwise create a merge commit.

☐ **Rebase**

Rebase the current branch onto the fetched branch. If there are no local commits to rebase, this is equivalent to a fast-forward.

☐ **Only ever fast-forward**

Fast-forward to the fetched branch. Fail if that is not possible. This is the standard behavior of ``git pull``.

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Git 2.46.0 Setup



Choose a credential helper

Which credential helper should be configured?



☒ **Git Credential Manager**

Use the [cross-platform Git Credential Manager](#).

See more information about the future of Git Credential Manager [here](#).

☐ **None**

Do not use a credential helper.

<https://gitforwindows.org/>

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Cancel



Git 2.46.0 Setup



Configuring extra options

Which features would you like to enable?



☒ **Enable file system caching**

File system data will be read in bulk and cached in memory for certain operations ("core.fscache" is set to "true"). This provides a significant performance boost.

☐ **Enable symbolic links**

Enable [symbolic links](#) (requires the SeCreateSymbolicLink permission). Please note that existing repositories are unaffected by this setting.

<https://gitforwindows.org/>

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Cancel



Git 2.46.0 Setup



Configuring experimental options

These features are developed actively. Would you like to try them?



☐ **Enable experimental support for pseudo consoles.**

This allows running native console programs like Node or Python in a Git Bash window without using winpty, but is unfortunately not quite stable yet.

<https://gitforwindows.org/>

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Install

Cancel



Git 2.46.0 Setup



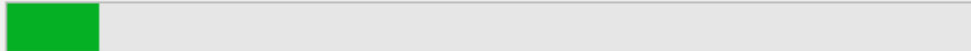
Installing

Please wait while Setup installs Git on your computer.



Extracting files...

C:\Program Files\Git\mingw64\bin\libSkiaSharp.dll



<https://gitforwindows.org/>

Cancel

Completing the Git Setup Wizard

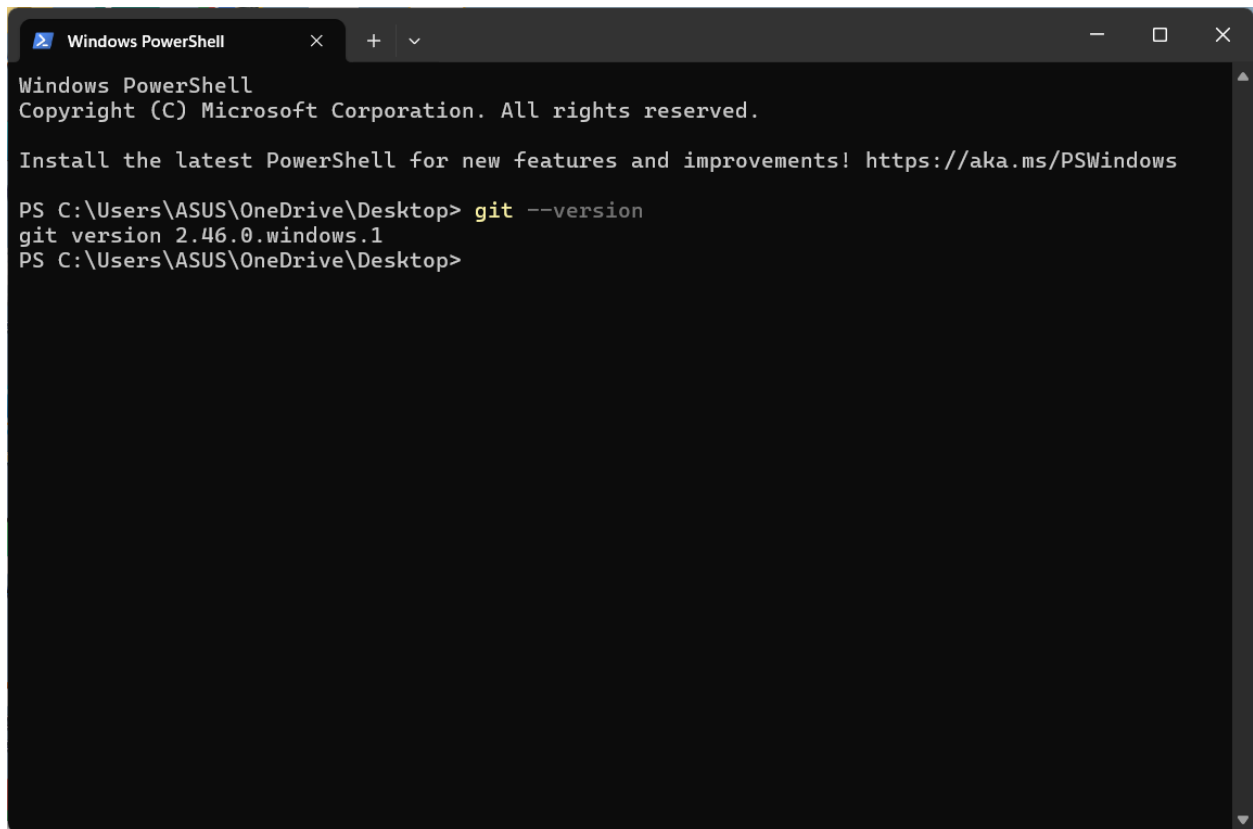
Setup has finished installing Git on your computer. The application may be launched by selecting the installed shortcuts.



Click Finish to exit Setup.

- ☐ Launch Git Bash
- ☒ View Release Notes

Finish



```
Windows PowerShell
Copyright (C) Microsoft Corporation. All rights reserved.

Install the latest PowerShell for new features and improvements! https://aka.ms/PSWindows

PS C:\Users\ASUS\OneDrive\Desktop> git --version
git version 2.46.0.windows.1
PS C:\Users\ASUS\OneDrive\Desktop>
```



MINGW64:/c/Users/ASUS



ASUS@LAPTOP-OGEI2TOD MINGW64 ~

\$ git config --global user.name Ruhuni

ASUS@LAPTOP-OGEI2TOD MINGW64 ~

\$ git config --global user.email rnwdissanayaka@gmail.com

ASUS@LAPTOP-OGEI2TOD MINGW64 ~

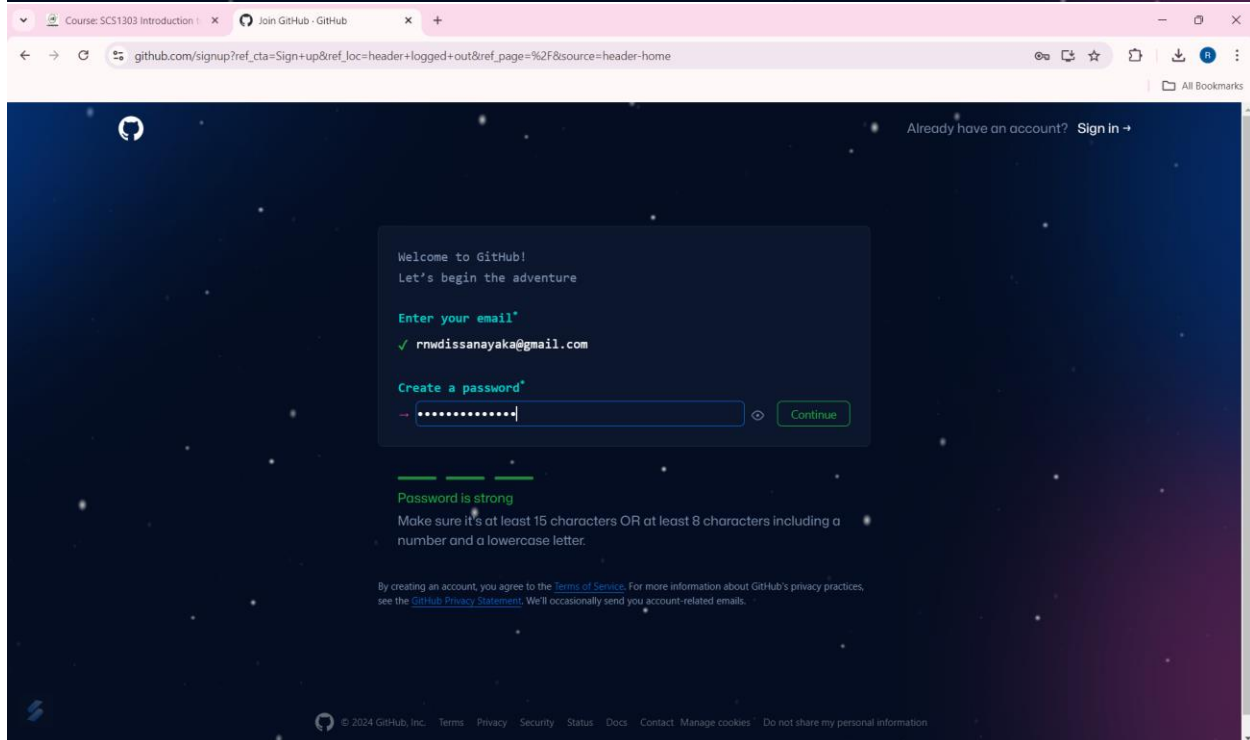
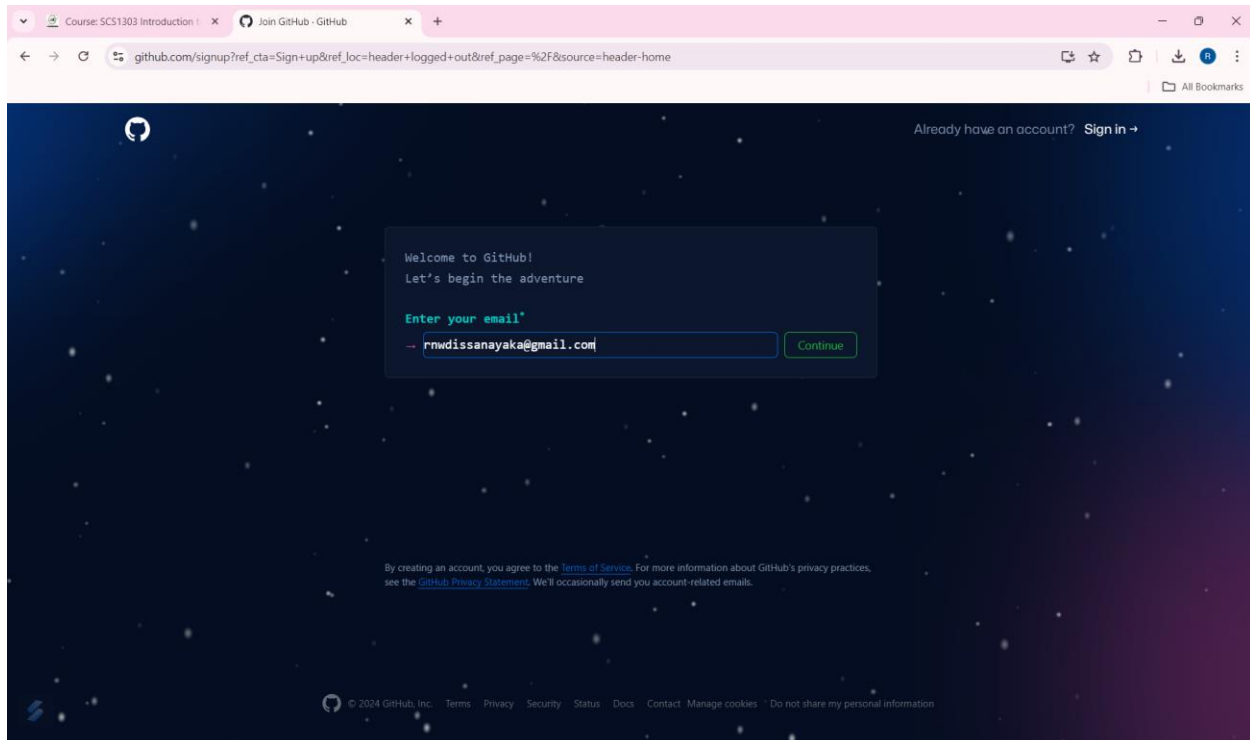
\$ git config --global user.email
rnwdissanayaka@gmail.com

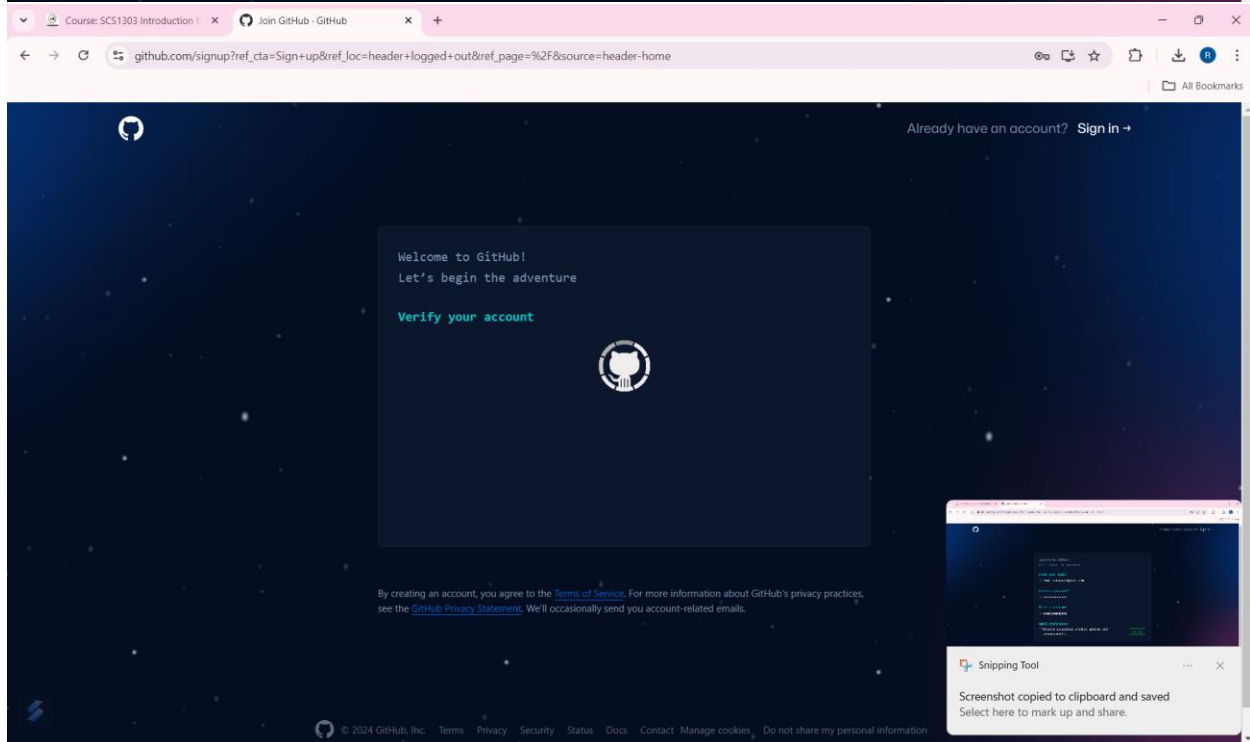
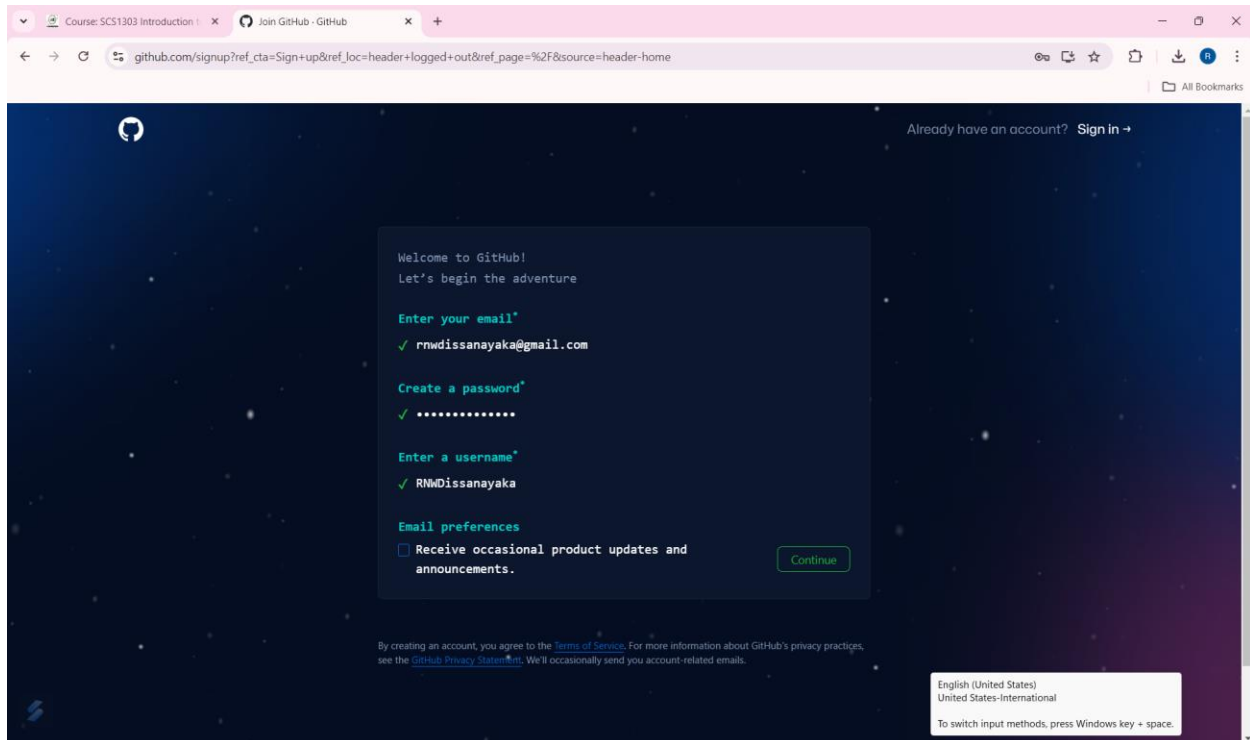
ASUS@LAPTOP-OGEI2TOD MINGW64 ~

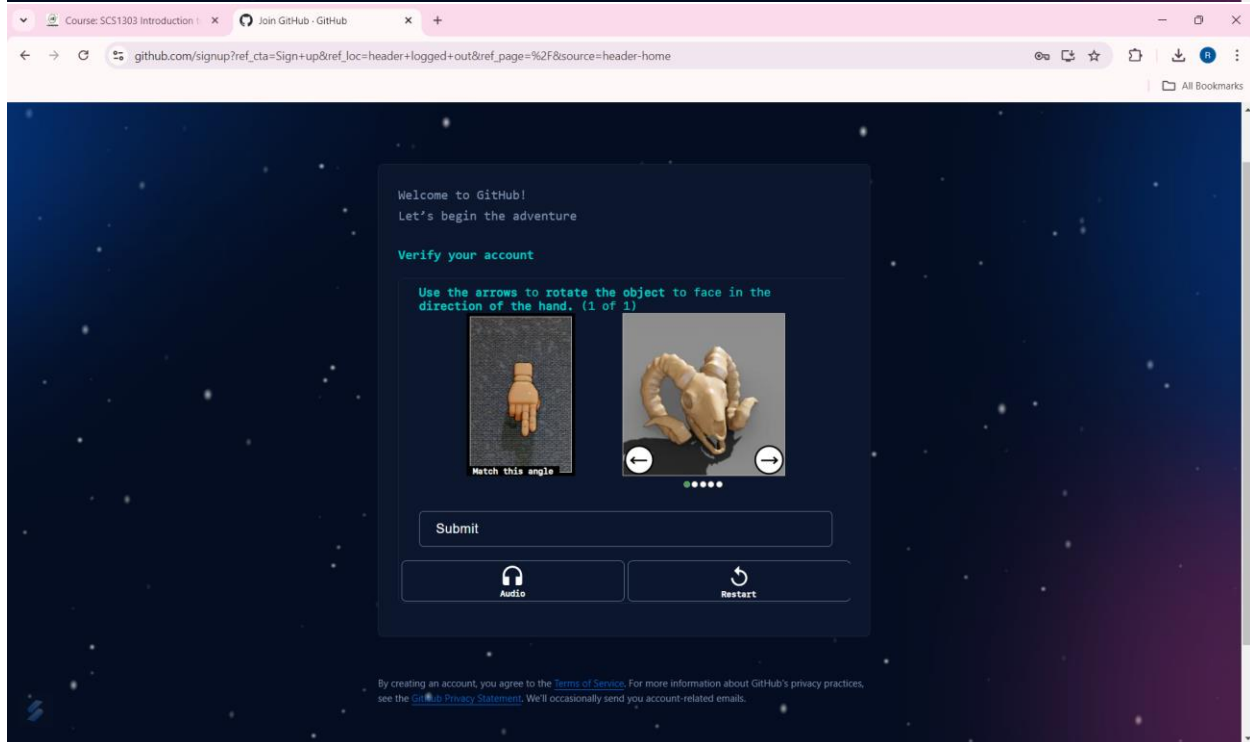
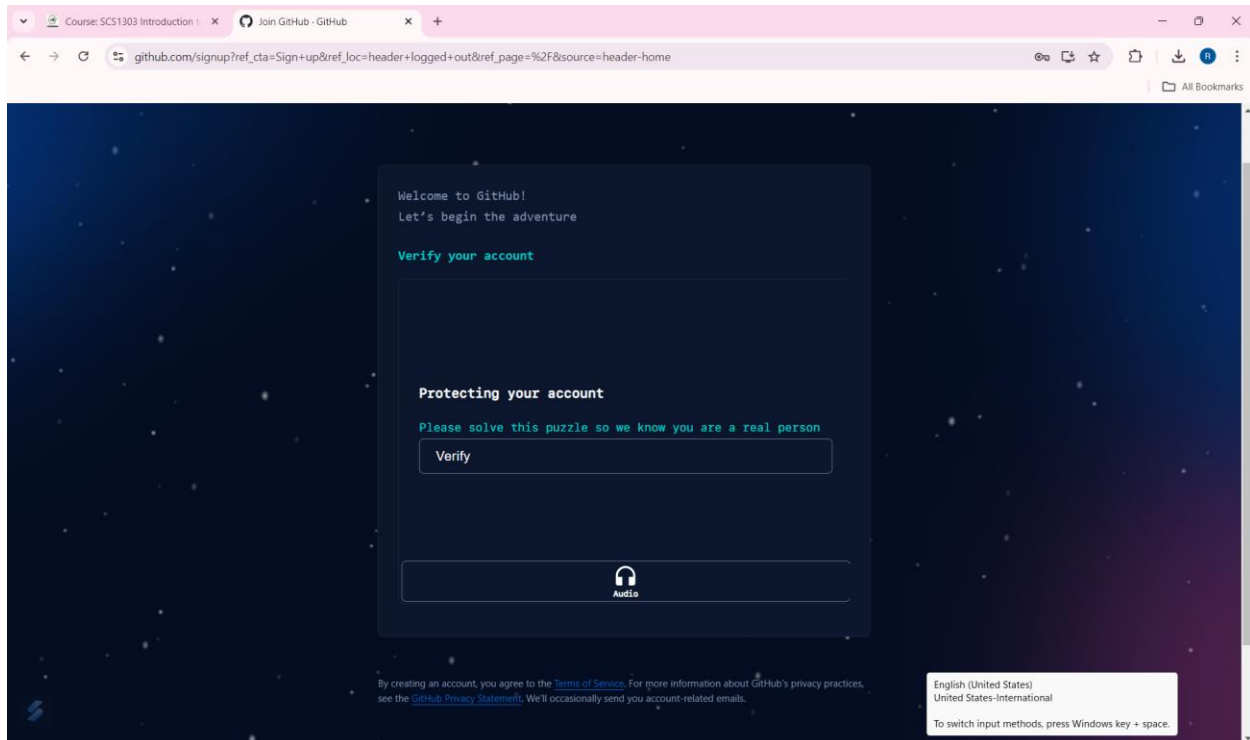
\$ git config --global user.name
Ruhuni

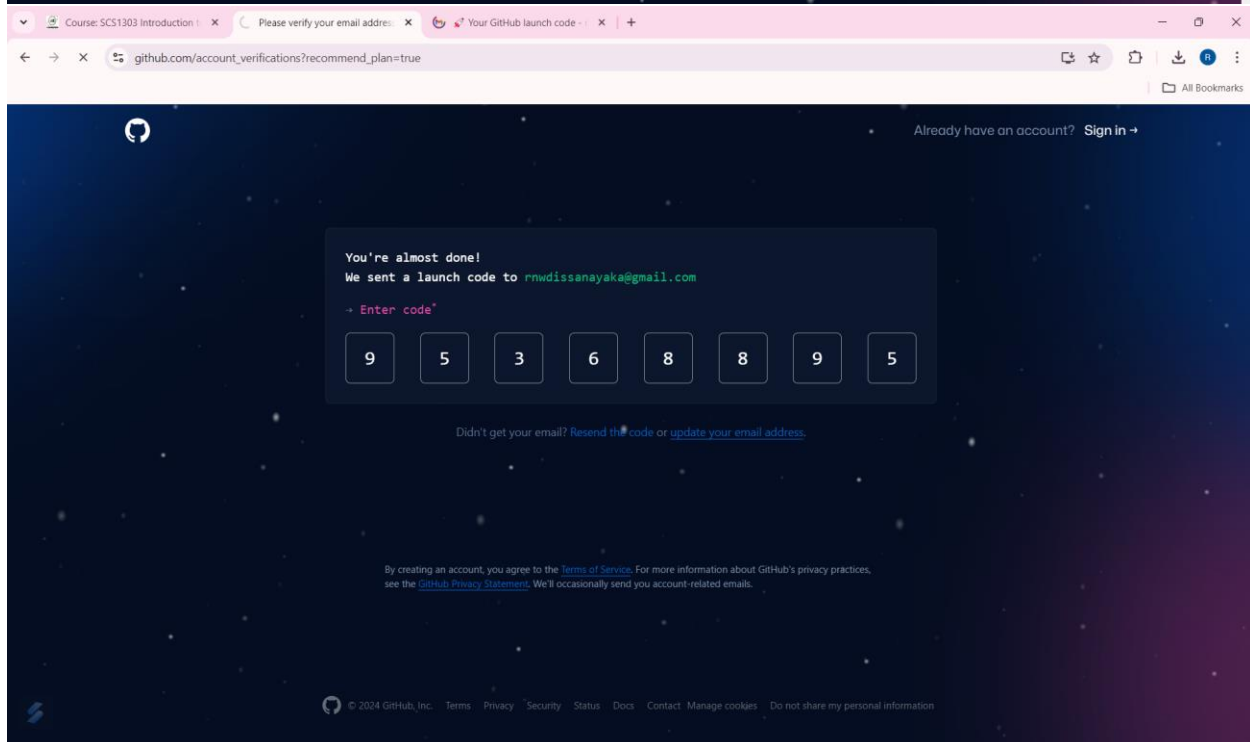
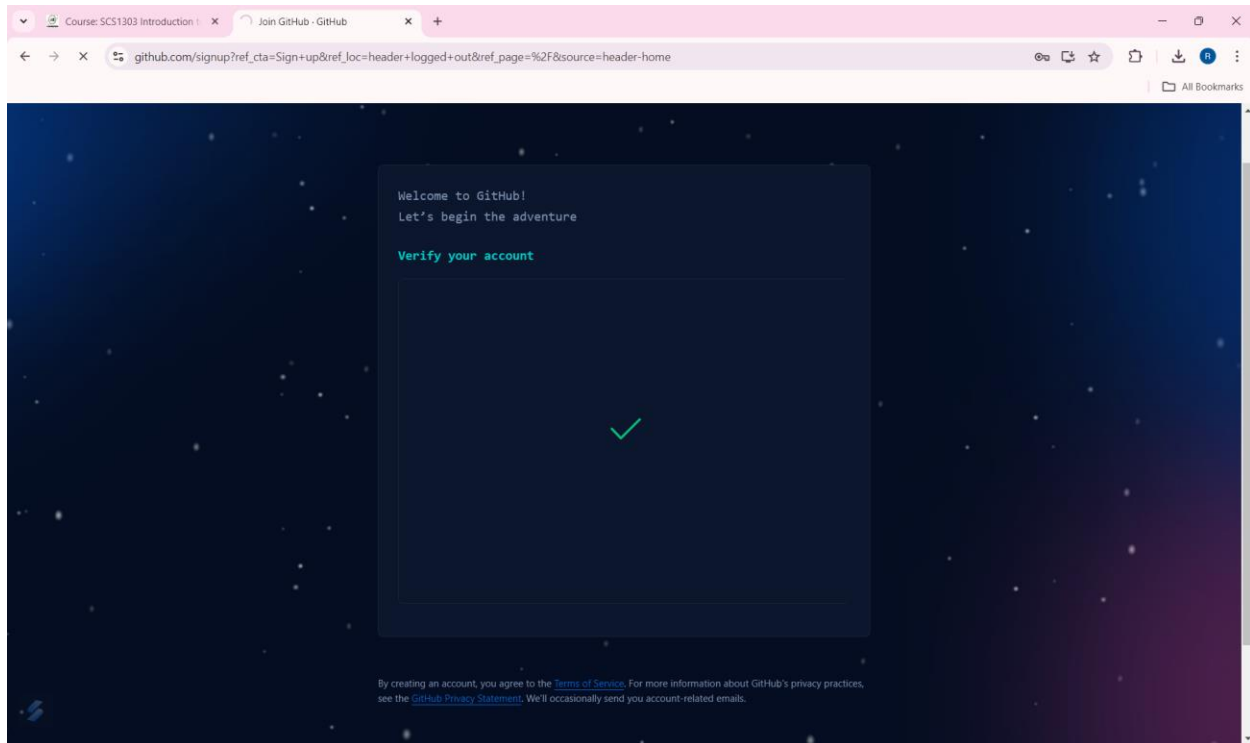
ASUS@LAPTOP-OGEI2TOD MINGW64 ~

\$











Sign in to GitHub

Your account was created successfully. Please sign in to continue

Username or email address

RNWDissanayaka

Password

[Forgot password?](#)

Sign in

[Sign in with a passkey](#)

New to GitHub? [Create an account](#)

[Terms](#) [Privacy](#) [Docs](#) [Contact GitHub Support](#) [Manage cookies](#) [Do not share my personal information](#)



The tools you need to build what you want.

Soup to nuts, GitHub has it all.

What specific features are you interested in using?

Select all that apply so we can point you to the right GitHub plan.

- ☐ **Collaborative coding**
Codespaces, Pull requests, Notifications, Code review, Code review assignments, Code owners, Draft pull requests, Protected branches, and more.
- ☐ **Automation and CI/CD**
Actions, Packages, APIs, GitHub Pages, GitHub Marketplace, Webhooks, Hosted runners, Self-hosted runners, Secrets management, and more.
- ☐ **Security**
Private repos, 2FA, Required reviews, Required status checks, Code scanning, Secret scanning, Dependency graph, Dependabot alerts, and more.
- ☐ **Enterprise security**
SAML, LDAP, IP allow list, GitHub Connect, and Audit log API.
- ☐ **Client Apps**
GitHub Mobile, GitHub CLI, and GitHub Desktop.

Course: SCS1303 Introduction | X New repository | X Your GitHub launch code | X +

github.com/new

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 *

RNWDissanayaka / SCS1303

SCS1303 is available.

Great repository names are short and memorable. Need inspiration? How about [bookish-octo-parakeet](#)?

Description (optional)

Introduction to Software Engineering

☒ 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.](#)

Choose a license

<https://docs.github.com/repositories/managing-your-repositorys-settings-and-features/customizing-your-repository/licensing-a-repository>

Course: SCS1303 Introduction | X Editing SCS1303/README.md | X Your GitHub launch code | X +

github.com/RNWDissanayaka/SCS1303/edit/main/README.md

RNWDissanayaka / SCS1303

Code Issues Pull requests Actions Projects Wiki Security Insights Settings

SCS1303 / README.md in main

Cancel changes Commit changes...

Spaces 2 Soft wrap

Commit changes

Commit message

Update README.md

Extended description

Description of Commit change

☒ Commit directly to the main branch

☐ Create a new branch for this commit and start a pull request [Learn more about pull requests](#)

Cancel Commit changes

1 # SCS1303

2 Introduction to Software Engineering

3 Tutorial Session

4


Use Control + Shift + M to toggle the tab key moving focus. Alternatively, use esc then tab to move to the next interactive element on the page.

Attach files by dragging & dropping, selecting or pasting them.

Course: SCS1303 Introduction | Commits - RNWDissanayaka/SCS1303 | Your GitHub launch code - | +

github.com/RNWDissanayaka/SCS1303/commits/main/All Bookmarks

☰

 RNWDissanayaka / SCS1303

🔍 Type to search

+🕒🔗📧👤

<> Code🕒 Issues🔗 Pull requests🕒 Actions📁 Projects📁 Wiki🛡 Security📝 Insights⚙ Settings


Commits

main

All usersAll time


🔗 Commits on Aug 8, 2024

Update README.md

 RNWDissanayaka committed 2 minutes ago


Verified8473c36📄<>...

Update README.md


 RNWDissanayaka committed 3 minutes ago

Verified8db7954📄<>...

Initial commit

 RNWDissanayaka committed 3 minutes ago

Verified2b05ace📄<>...



Course: SCS1303 Introduct


RNWDissanayaka/SCS1303

Your GitHub launch co

github.com/RNWDissanayaka/SCS1303

All Bookmarks

☰

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<> Code

🕒 Issues

🔗 Pull requests

🕒 Actions


📁 Projects

📖 Wiki

🛡 Security

📈 Insights

⋮

 SCS1303 Public

📌 Pin

👁 Unwatch 1

🍴 Fork 0

★ Star 0

🔗 main


🔗

📄

Go to file

+

<> Code

 RNWDissanayaka Add files via upload 04e9f9e · now

📄 Handout_3_TimeComplex... Add files via upload now

📄 README.md Update README.md 5 minutes ago

📖 README

✎

SCS1303

Introduction to Software Engineering Tutorial Session

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📖 Readme

📈 Activity

★ 0 stars

👁 1 watching

🍴 0 forks

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