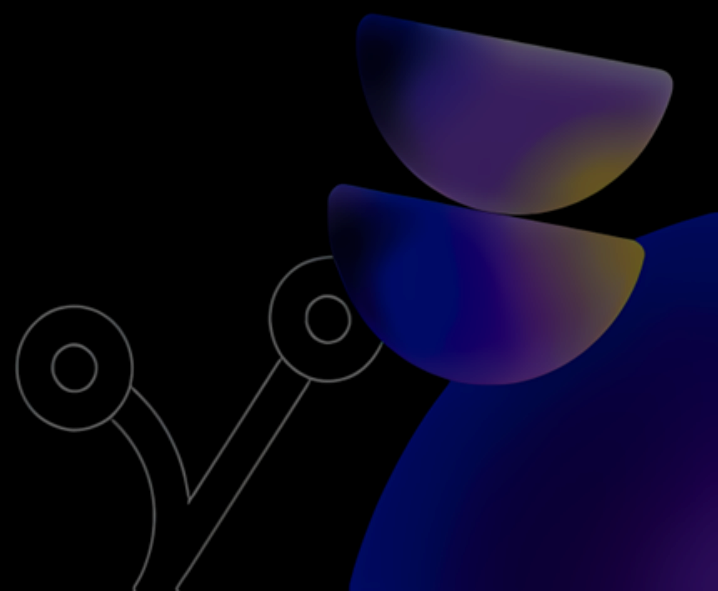


# GitHub

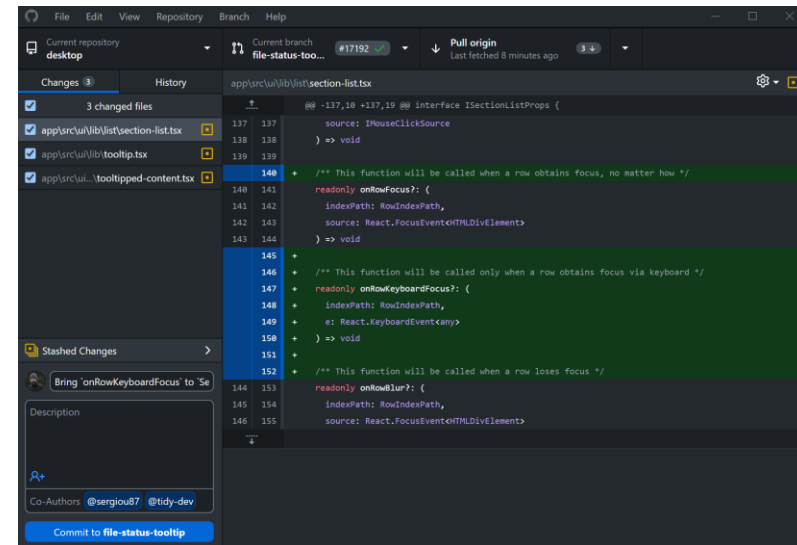


# Brief Introduction

- GitHub is a cloud-based platform where you can store, share, and work together on shared projects.
- This is where you can:
  - Showcase and share your work
  - Track changes and manage changes to a project throughout its development
  - Let others review your code
  - Collaborate on projects

# Why use GitHub?

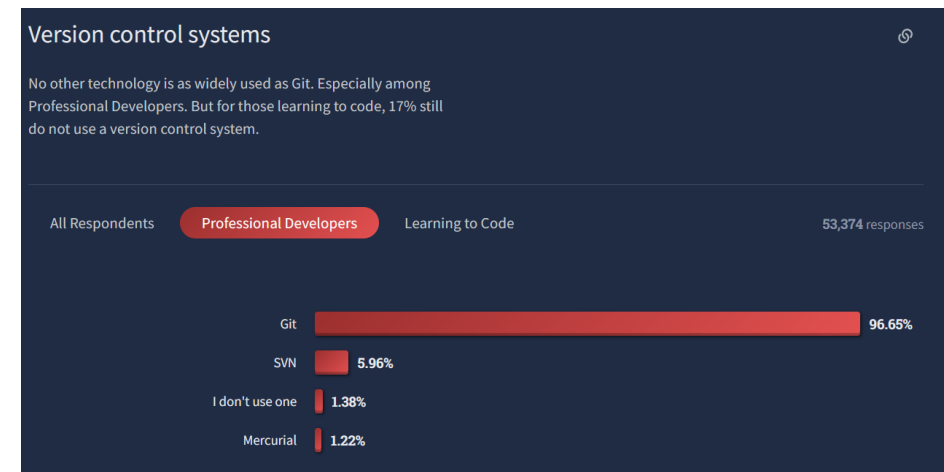
- Version control
- Collaboration
- Backups
- Project management
- Used frequently



```
Current repository: desktop
Current branch: file-status-too... #17192
Pull origin: Last fetched 8 minutes ago

Changes: 3 changed files
- app/src/wa/lib/section-list.tsx
- app/src/wa/lib/tooltip.tsx
- app/src/wa/lib/tooltipped-content.tsx

Stashed Changes:
Bring 'onRowKeyboardFocus' to Se
Description:
Co-Author: @sergiou87 @tidy-dev
Commit to file-status-tooltip
```

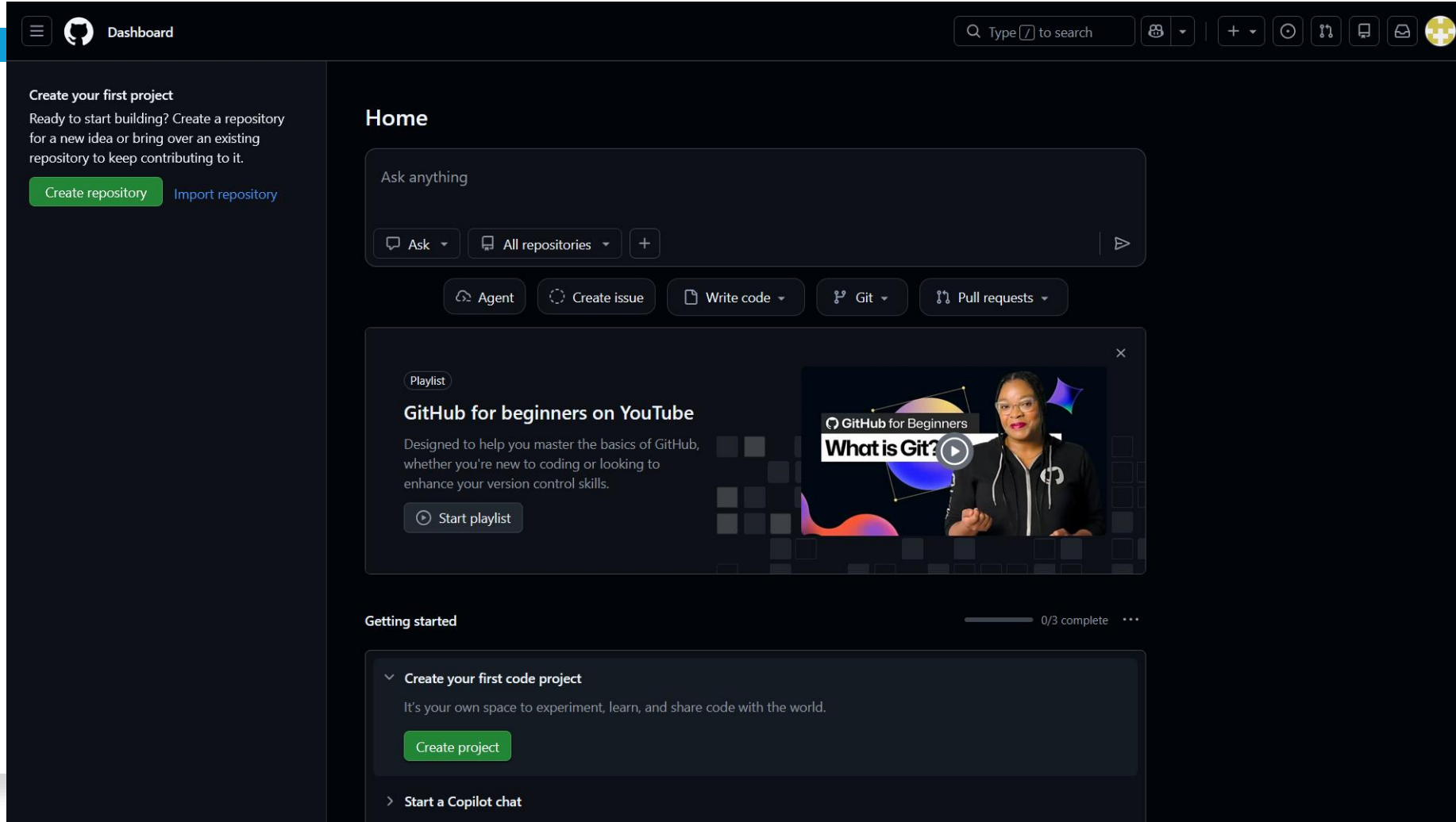


# Git

- Made by Linus Torvalds in 2005
- Designed for speed and performance
- Built to work with Linux
  - The current Linux kernel's source code is 1.7 GB. The full history of Linux (1.4 million commits) is stored in Git with only 5.5 GB.
- GitHub, GitLab, etc. are platforms that host git

# Getting Started

When you first create your account, you will be greeted with this screen:



The screenshot shows the GitHub dashboard for a new user. The interface is dark-themed. At the top left, there is a hamburger menu icon and the word "Dashboard". To the right is a search bar with the placeholder text "Type to search" and several utility icons. On the left side, there is a sidebar with the heading "Create your first project" and the text "Ready to start building? Create a repository for a new idea or bring over an existing repository to keep contributing to it." Below this are two buttons: "Create repository" (highlighted in green) and "Import repository".

The main content area is titled "Home". It features a search bar with the placeholder text "Ask anything". Below the search bar are several filters: "Ask", "All repositories", and a plus sign. There are also several action buttons: "Agent", "Create issue", "Write code", "Git", and "Pull requests".

Below the filters is a section titled "GitHub for beginners on YouTube". It includes a video player with a play button and the text "What is Git?". The video is part of a playlist, as indicated by the "Playlist" label. Below the video is a "Start playlist" button.

At the bottom, there is a section titled "Getting started" with a progress indicator showing "0/3 complete". The first item in the list is "Create your first code project", which includes the text "It's your own space to experiment, learn, and share code with the world." and a "Create project" button. The second item is "Start a Copilot chat".

# Creating Your First Repository

## Create a new repository

Repositories contain a project's files and version history. Have a project elsewhere? [Import a repository](#).  
Required fields are marked with an asterisk (\*).

### 1 General

Owner \*

 w0890207 ▾

Repository name \*

Great repository names are short and memorable. How about [silver-goggles?](#)


Description

0 / 350 characters

### 2 Configuration

Choose visibility \*

Choose who can see and commit to this repository

 Public ▾

Add README

READMEs can be used as longer descriptions. [About READMEs](#)

Off

Add .gitignore

.gitignore tells git which files not to track. [About ignoring files](#)

No .gitignore ▾

Add license

Licenses explain how others can use your code. [About licenses](#)

No license ▾

Create repository

# HelloWorld Public

Pin Watch 0 Fork 0 Star 0

main 1 Branch 0 Tags Go to file Add file Code

w0890207 Initial commit 1bb87f4 · now 1 Commit  
README.md Initial commit now

README  

# HelloWorld

  
My first `repo`

## About ⚙️

### My first repo

- Readme
- Activity
- 0 stars
- 0 watching
- 0 forks

### Releases

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

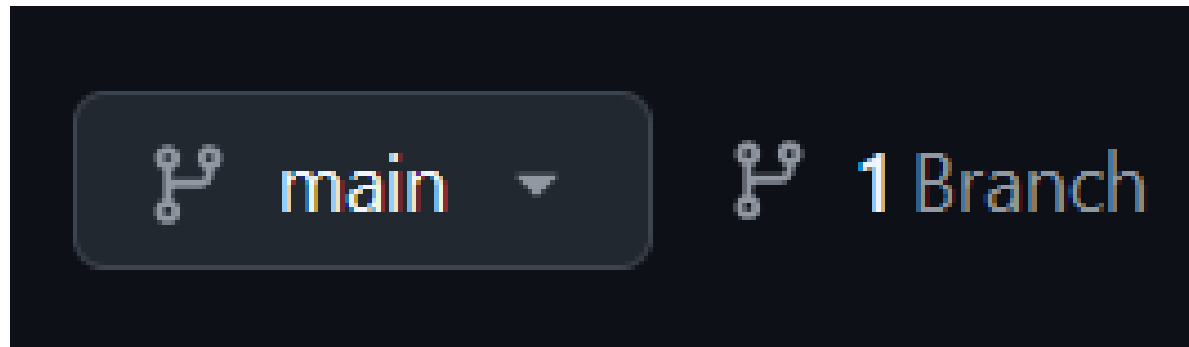
### Packages

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

### Contributors 1

w0890207

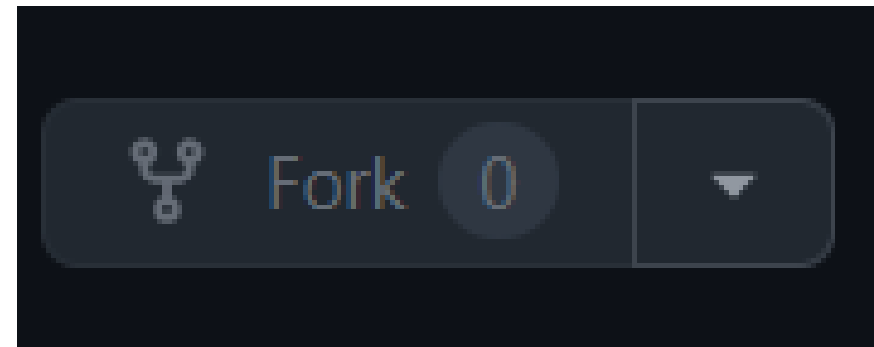
# Basics



## Branches

When you make a branch, it creates a copy of your repository at that moment.

It is only accessible to you and anyone who can access the original repository.



## Forks

Similar to branches, but if your repository is public, anyone can create a fork of your repository.

## Merge

- Applying the changes of one branch into another

## Fetch

- Downloads information from the remote repository into your machine

## Pull

- A shortcut of fetch + merge.
- Applies the changes of a remote repository onto your local repository

## Push

- Applying changes made locally onto the remote repository.

## Commit

- Applying changes made onto the local repository, but not the remote repository

# Making a Change

The screenshot displays the GitHub interface for a repository named 'HelloWorld' by user 'w0890207'. The main content area shows the 'README.md' file with the following text:

```
HelloWorld
```

---

```
My first repo
```

The interface includes a top navigation bar with options like 'Code', 'Issues', 'Pull requests', 'Actions', 'Projects', 'Wiki', 'Security and quality', 'Insights', and 'Settings'. A search bar is located in the top right corner. The left sidebar shows the 'Files' section with a search bar and a list of files, including 'README.md'. The commit history shows an 'Initial commit' by 'w0890207' with the hash '1bb87f4' and a timestamp of '10 minutes ago'. The file viewer includes tabs for 'Preview', 'Code', and 'Blame', along with file statistics: '2 lines (2 loc) · 27 Bytes'. Action buttons for 'Raw', 'Copy', 'Download', and 'Edit' are visible in the top right of the file viewer.

Edit

Preview



Spaces ▾

2 ▾

Soft wrap ▾

```
1 # HelloWorld
2 ## first commit
3 My first repo
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.



### Commit changes ✕

**Commit message**

Update README.md

**Extended description**


Add an optional extended description...

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

## HelloWorld / README.md 📄

 **w0890207** Update README.md

Preview Code | Blame 3 lines (3 loc) · 43

# HelloWorld

---

## first commit

---

My first repo



HelloWorld Public

Pin Watch 0 Fork 0 Star 0

main 1 Branch 0 Tags Go to file Add file Code

w0890207 Update README.md 70a777a · 1 minute ago 2 Commits
README.md Update README.md 1 minute ago

README
HelloWorld
first commit
My first repo

About

My first repo

- Readme
Activity
0 stars
0 watching
0 forks

Releases

No releases published
Create a new release

Packages

No packages published
Publish your first package

Contributors 1

w0890207

# Commits

main

All users

All time

Commits on Apr 6, 2026

## Update README.md

w0890207 authored 2 minutes ago

Verified

70a777a

Copy <>

## Initial commit

w0890207 authored 16 minutes ago

Verified

1bb87f4

Copy <>

1 file changed +1 -0 lines changed

Search within code



README.md

+1 █ □ □ □ □ □ <> Copy ...

```
@@ -1,2 +1,3 @@
1 1 # HelloWorld
2 + ## first commit
2 3 My first repo
```

# Creating A Pull Request

# Open a pull request

The change you just made was written to a new branch named `w0890207-patch-1`. Create a pull request below to propose these changes. [Learn more about diff comparisons here.](#)

base: main ← compare: w0890207-patch-1 ✓ **Able to merge.** These branches can be automatically merged.



## Add a title \*

Update README.md again

Reviewers



No reviews

Assignees



No one—[assign yourself](#)

Labels



None yet

Projects



None yet

Milestone



No milestone

Development

Use [Closing keywords](#) in the description to automatically close issues

## Add a description

Write

Preview

H B I

Add your description here...

Markdown is supported

Paste, drop, or click to add files

Create pull request

Remember, contributions to this repository should follow our [GitHub Community Guidelines](#).

Helpful resources

[GitHub Community Guidelines](#)

1 commit

1 file changed

1 contributor

Commits on Apr 6, 2026

[Update README.md](#)

Verified



8bceac7



w0890207 authored now

Showing 1 changed file with 1 addition and 0 deletions.

Split

Unified

1 README.md

```
... .. @@ -1,3 +1,4 @@
1 1 # HelloWorld
2 2 ## first commit
3 + ## second commit
3 4 My first repo
```



**Label issues and pull requests for new contributors** [Dismiss](#)

Now, GitHub will help potential first-time contributors [discover issues](#) labeled with good first issue

Filters  🏷️ Labels 9 📅 Milestones 0 [New pull request](#)

<input type="checkbox"/>	 <b>1 Open</b> ✓ 0 Closed	Author ▾	Label ▾	Projects ▾	Milestones ▾	Reviews ▾	Assignee ▾	Sort ▾
<input type="checkbox"/>	 <b>Update README.md again</b> #1 opened now by w0890207							

# Update README.md again #1

 Merged [w0890207](#) merged 1 commit into `main` from `w0890207-patch-1` 



 Conversation 0  Commits 1  Checks 0  Files changed





[w0890207](#) commented [1 minute ago](#)

*No description provided.*



  [Update README.md](#)


  [w0890207](#) merged commit `30faff7` into `main` [now](#)



**Pull request successfully merged and closed**

You're all set — the `w0890207-patch-1` branch can be safely deleted.

# Update README.md again #1

 Open [w0890207](#) wants to merge 1 commit into `main` from `w0890207-patch-`



 Conversation 0  Commits 1  Checks 0  Files changed




[w0890207](#) commented [now](#)

*No description provided.*




  [Update README.md](#)



 **No conflicts with base branch**

Merging can be performed automatically.

Merge pull request 

You can also merge this with the command line.

main

2 Branches 0 Tags

Go to file

t

Add file

Code

w0890207 Merge pull request #1 from w0890207/w0890207-patch-1

30faff7 · 1 minute ago

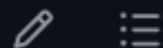
4 Commits

README.md

Update README.md

3 minutes ago

README



# HelloWorld

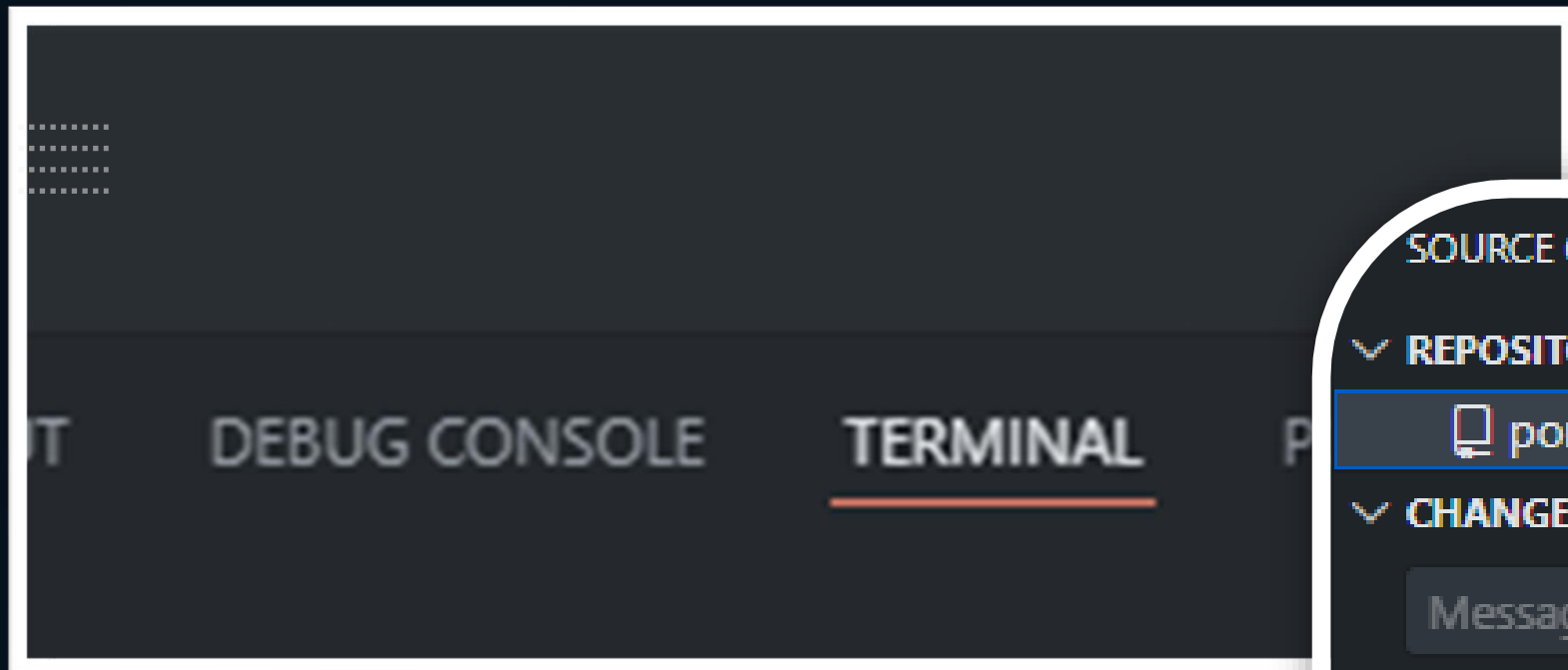
## first commit

## second commit

My first repo



# GitHub in VS Code



- Using the terminal, use these two commands:

```
git config --global user.name "_____"  
git config --global user.email "_____"@gmail.com"
```

