Open Source SW

Lecture 2
Starting a Mini-Project

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Introduction to GitHub

github.com/skills/introduction-to-github

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main   1 branch   0 tags

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heiskr Revert "docs: update README (#23)"   ...   4   31c164e on Jun 24   39 commits

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.gitignore   Welcome to Introduction to GitHub   8 months ago
LICENSE   Welcome to Introduction to GitHub   8 months ago
README.md   Revert "docs: update README (#23)"   2 months ago

README.md

Introduction to GitHub

Get started using GitHub in less than an hour.

People use GitHub to build some of the most advanced technologies in the world. Whether you're visualizing data or building a new game, there's a whole community and set of tools on GitHub that can help you do it even better. GitHub Skills' "Introduction to GitHub" course guides you through everything you need to start contributing in less than an hour.

About

Get started using GitHub in less than an hour.

git   commits   pull-requests

branches   skills-course

📖 Readme
⚖ CC-BY-4.0 license
Code of conduct
⭐ 1k stars
👁 72 watching
⑂ 241 forks

Contributors 6

GitHub Profile

Overview · Repositories 11 · Projects · Packages · Stars 201

heiskr / README.md

Hello 👋

I work for GitHub as a web engineer. My partner Ka`imi is a psychiatric nurse practitioner student. We have a Havanese, Yuri. I play keyboard instruments, play with electronic music and jazz, meditate daily, drink too much tea, and love hiking. I like statistics and learning science.

Kevin Heis
heiskr

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194 followers · 0 following

🏢 @github
📍 Beaverton, Oregon
🔗 https://heiskr.com

Achievements

x4 x3

x3

Beta Send feedback

Pinned

github/docs Public

The open-source repo for docs.github.com

🟡 JavaScript ⭐ 11.2k ⑂ 56.6k

2,890 contributions in the last year

Sep Oct Nov Dec Jan Feb Mar Apr May Jun Jul Aug

Mon

Wed

Fri

Learn how we count contributions

Less ⬜🟩🟩🟩 More

Contribution activity

September 2022

🔒 3 contributions in private repositories Sep 1

20
20
20

Introduction to GitHub

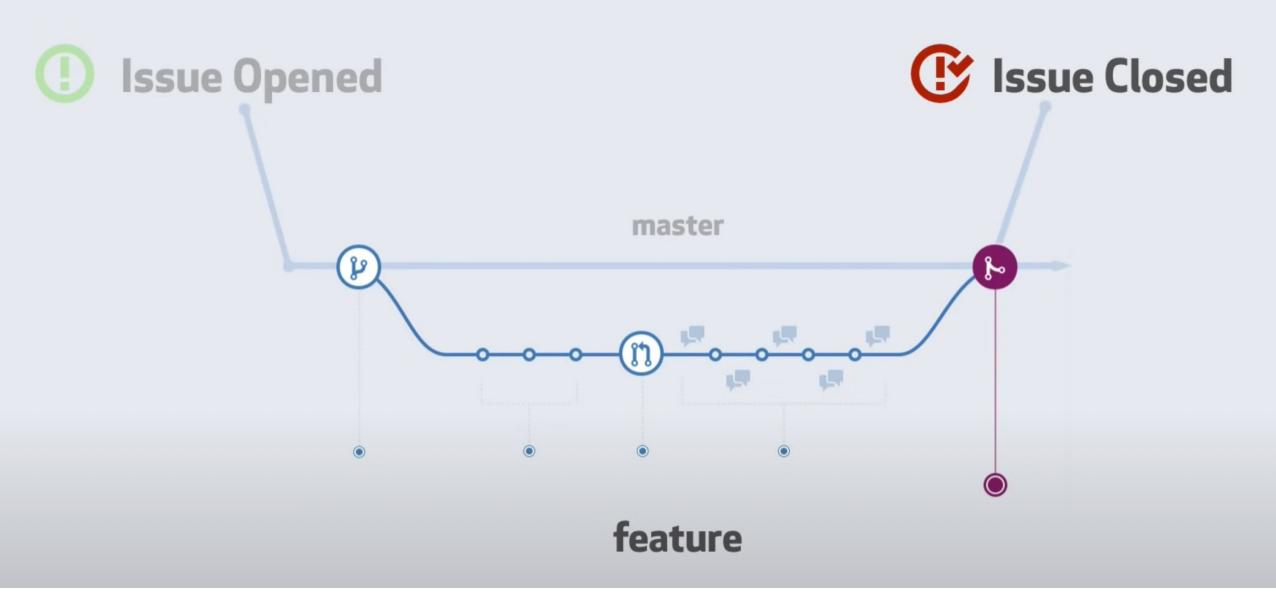# A New Repository Screen

Welcome

People use GitHub to build some of the most advanced technologies in the world. Whether you're visualizing data or building a new game, there's a whole community and set of tools on GitHub that can help you do it even better. GitHub Skills' "Introduction to GitHub" course guides you through everything you need to start contributing in less than an hour.

- **Who is this for**: New developers, new GitHub users, and students.
- **What you'll learn**: We'll introduce repositories, branches, commits, and pull requests.
- **What you'll build**: We'll make a short Markdown file you can use as your profile README.
- **Prerequisites**: None. This course is a great introduction for your first day on GitHub.
- **How long**: This course takes less than one hour to complete.

In this course, you will:

1. Create a branch
2. Commit a file
3. Open a pull request
4. Merge your pull request

- https://www.youtube.com/watch?v=PBI2Rz-ZOxU

▾Step 1: Create a branch

Welcome to "Introduction to GitHub"! 👋

What is GitHub?: GitHub is a collaboration platform that uses Git for versioning. GitHub is a popular place to share and contribute to open-source software.
📺 Video: What is GitHub?

What is a repository?: A repository is a project containing files and folders. A repository tracks versions of files and folders.
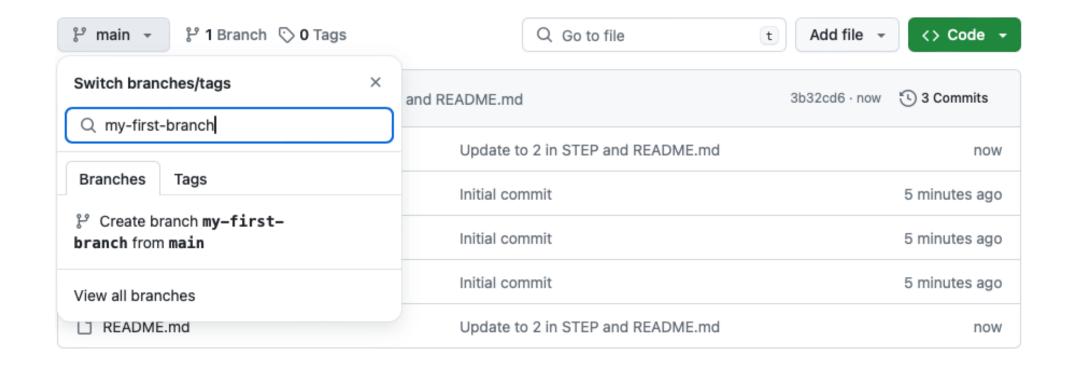📺 Video: Exploring a repository

What is a branch?: A branch is a parallel version of your repository. By default, your repository has one branch named `main` and it is considered to be the definitive branch. You can create additional branches off of `main` in your repository. You can use branches to have different versions of a project at one time.

On additional branches, you can make edits without impacting the `main` version. Branches allow you to separate your work from the `main` branch. In other words, everyone's work is safe while you contribute.
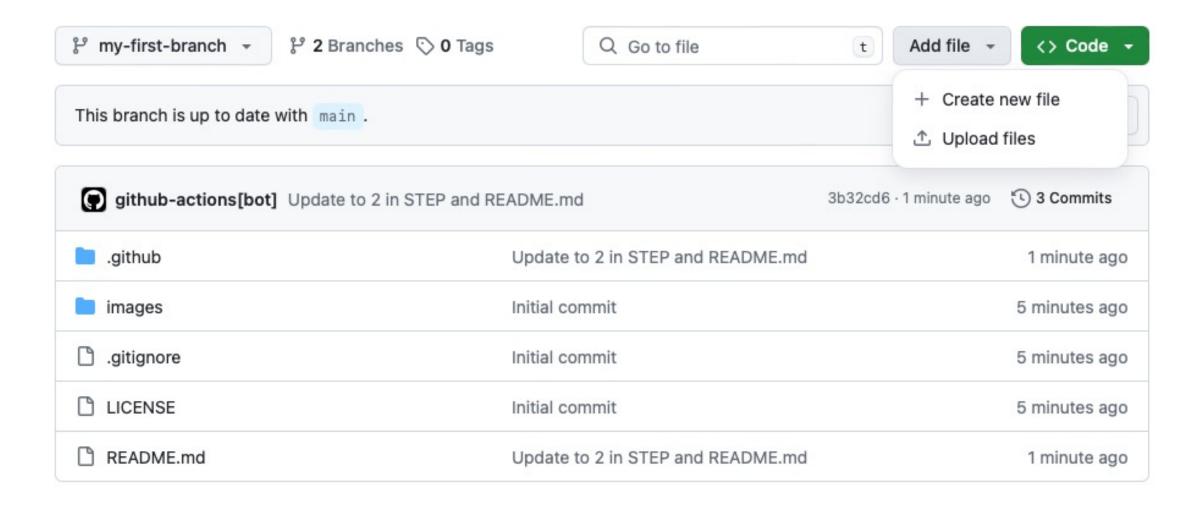📺 Video: Branches
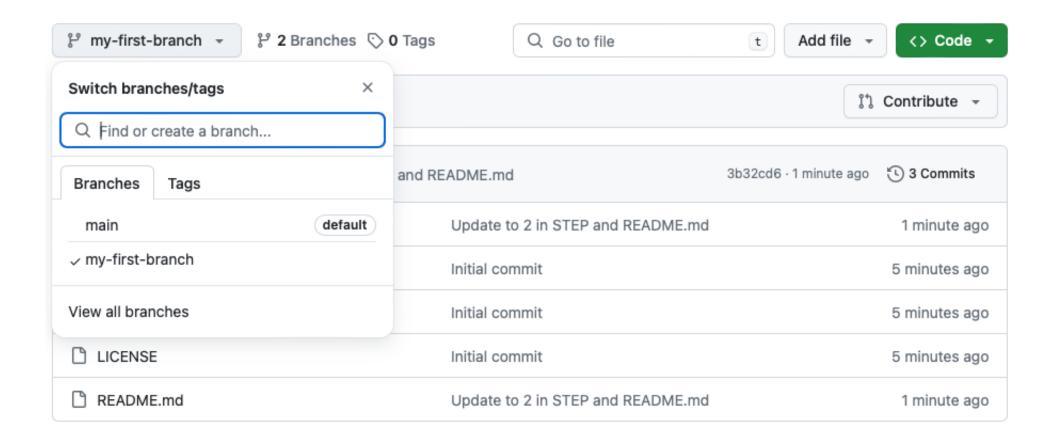
What is a profile README?: A profile README is essentially an "About me" section on your GitHub profile where you can share information about yourself with the community on GitHub.com. GitHub shows your profile README at the top of your profile page.
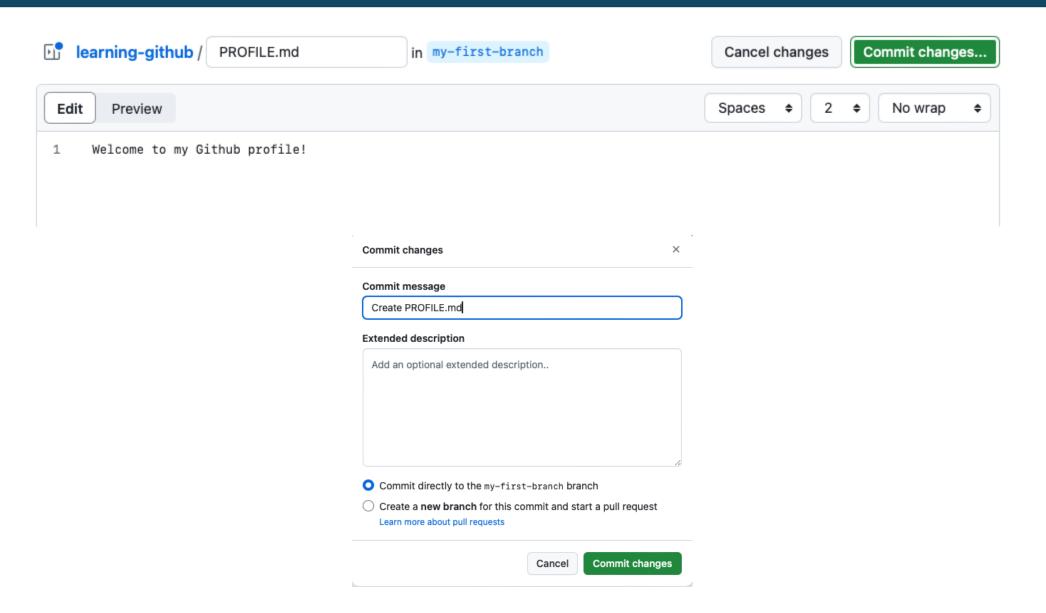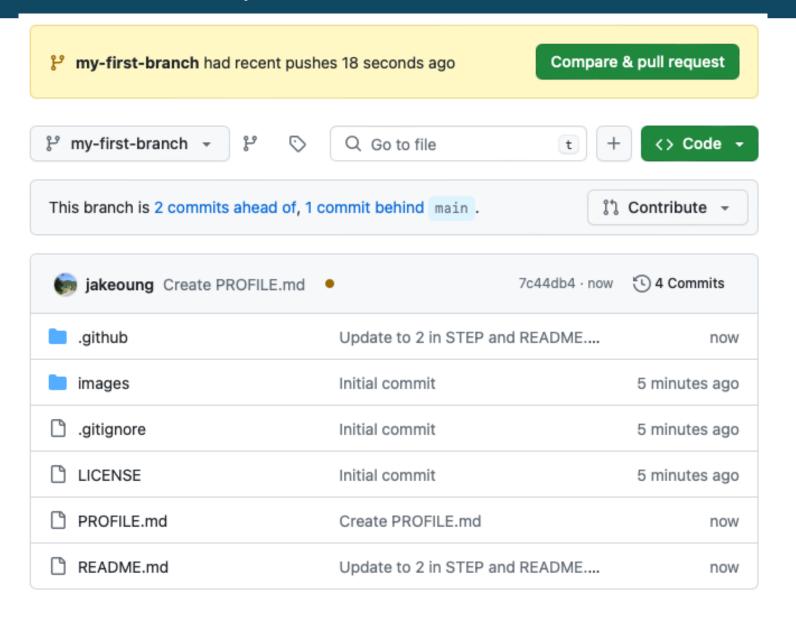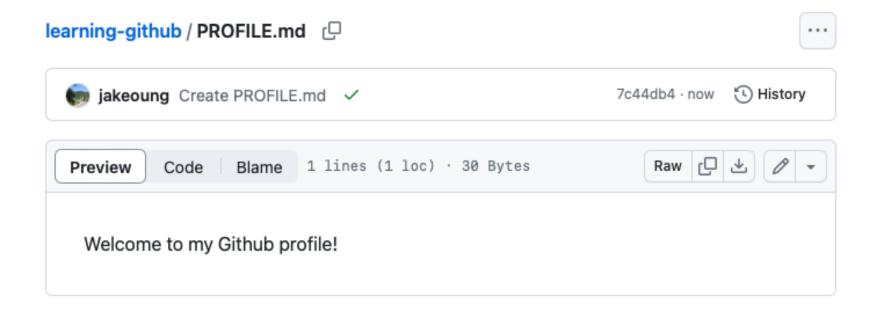
Step 2. Commit a New File
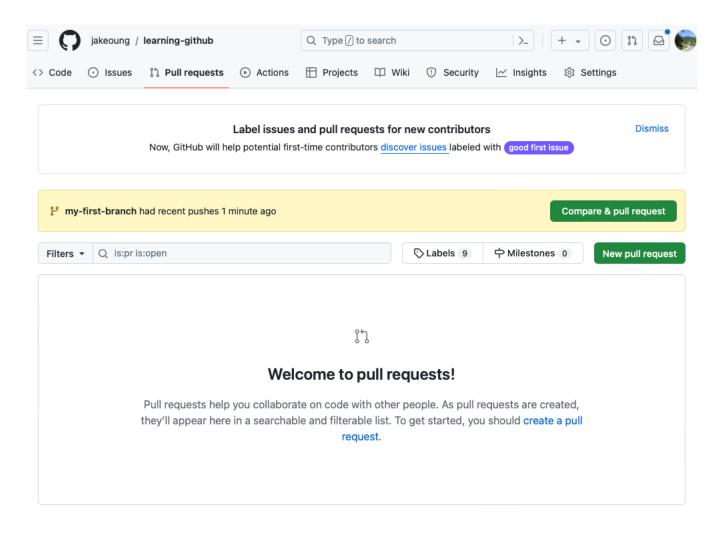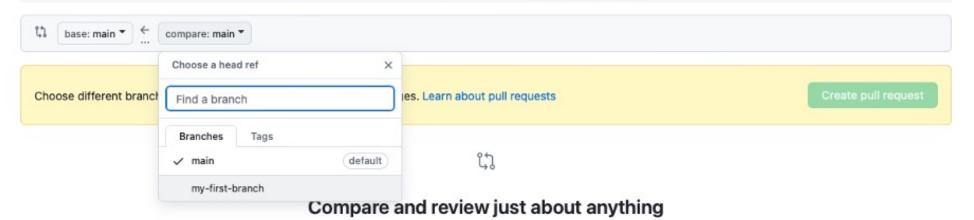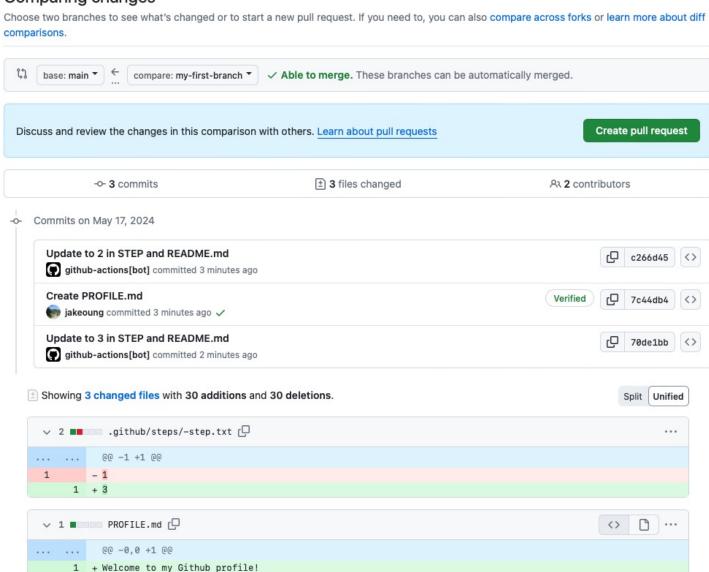
Step 2. Commit a New File

Step 2. Commit a New File

Step 3. Open a Pull Request

Step 4. Merge Your Pull Request

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Step 4. Merge Your Pull Request

Check Actions

my-first-branch
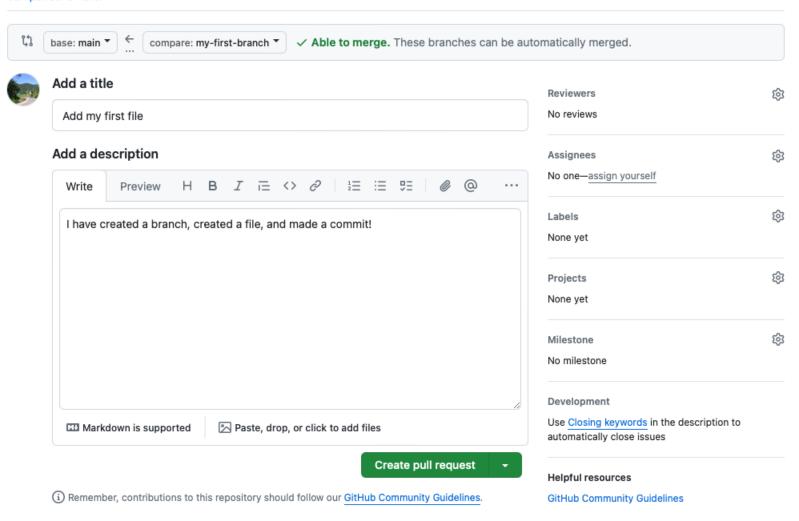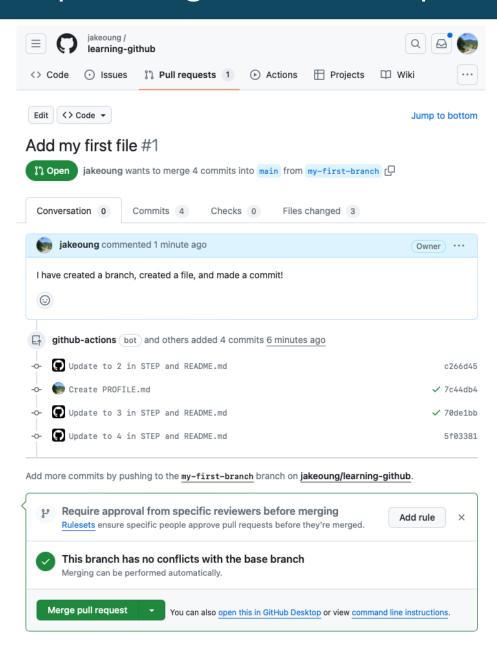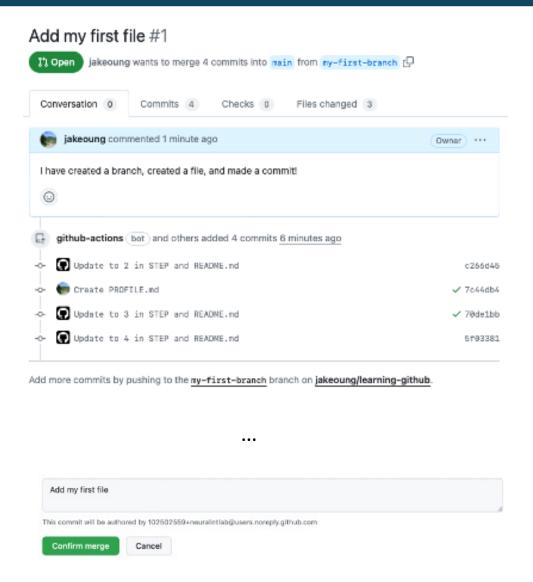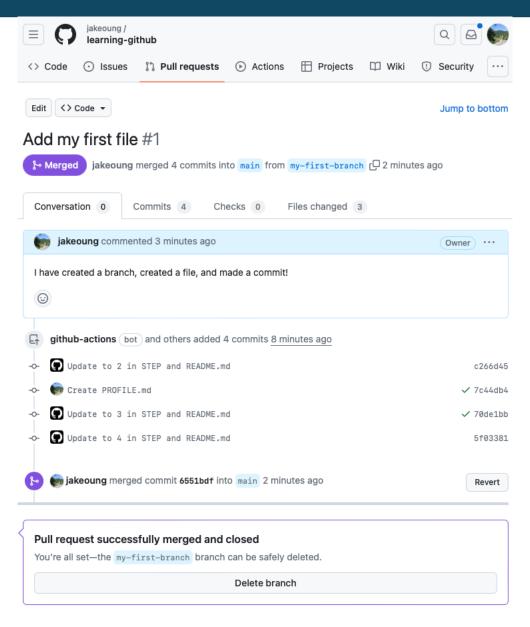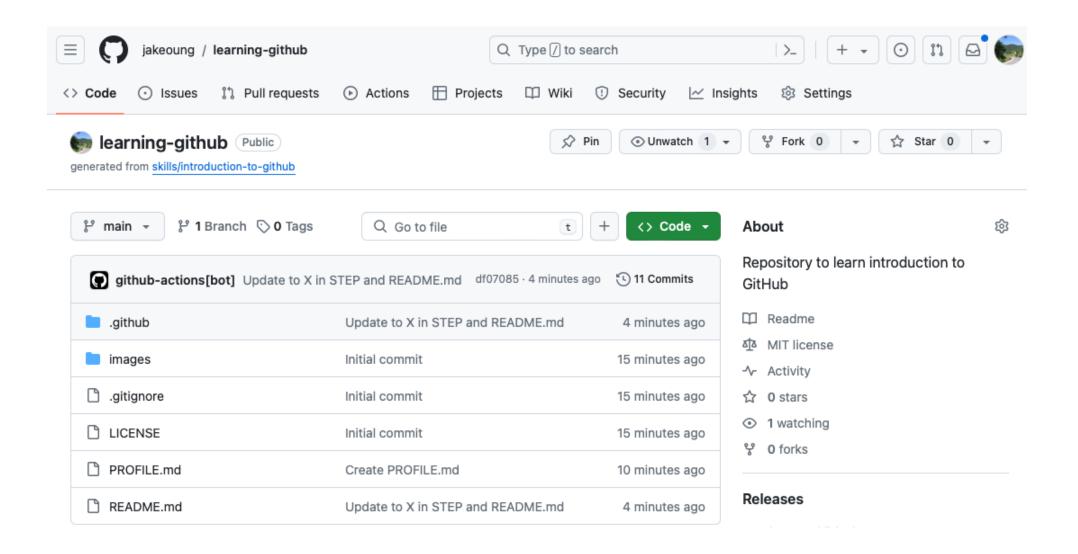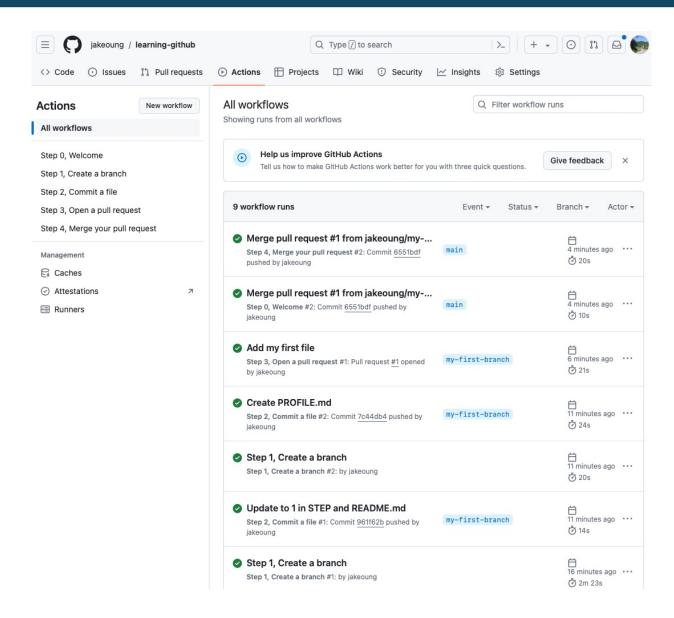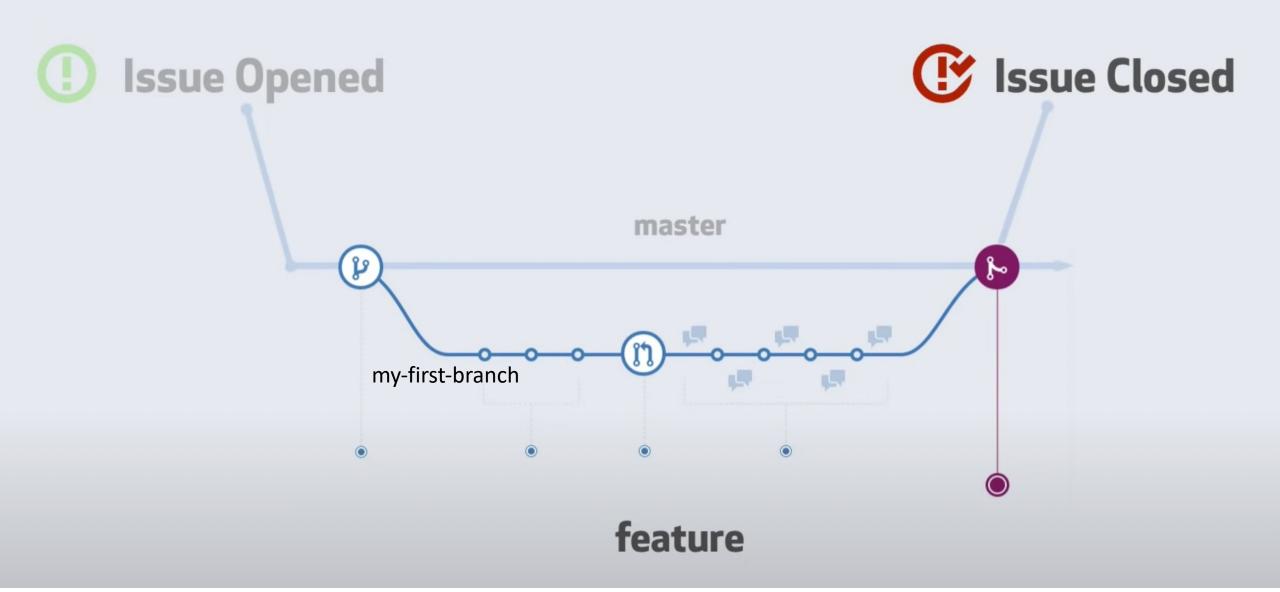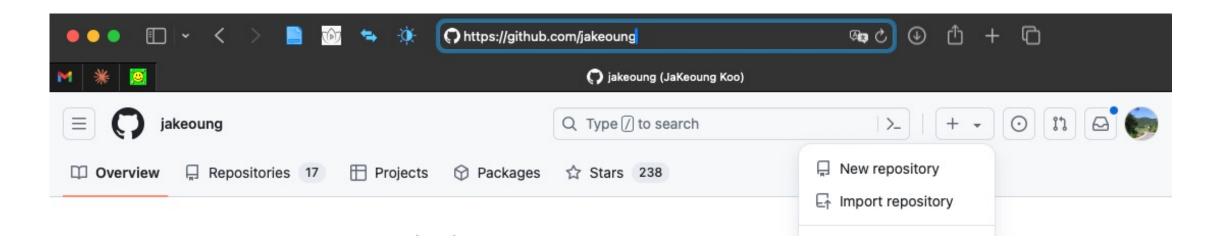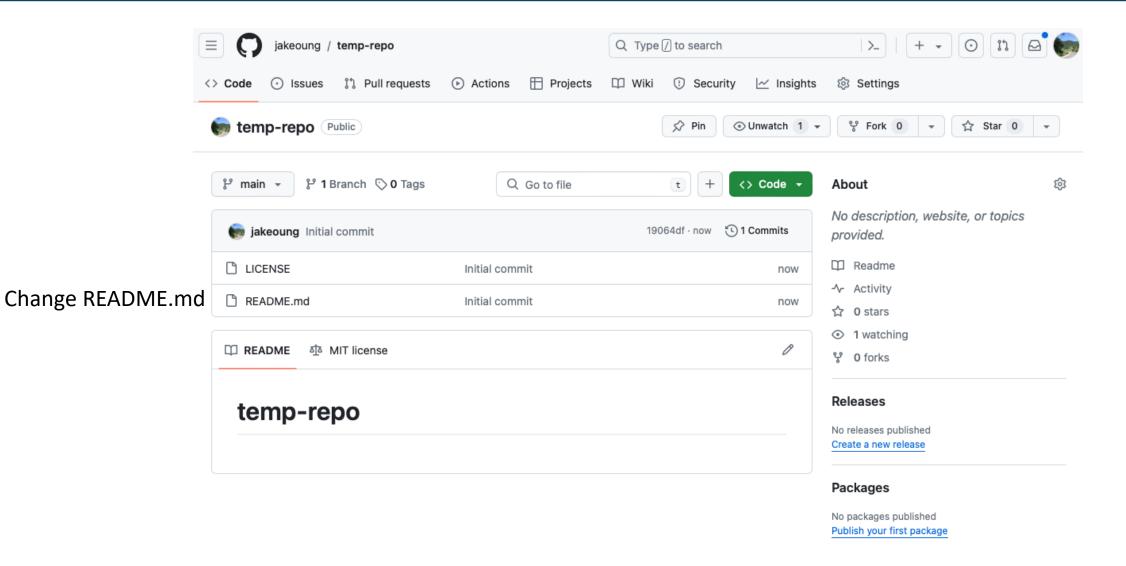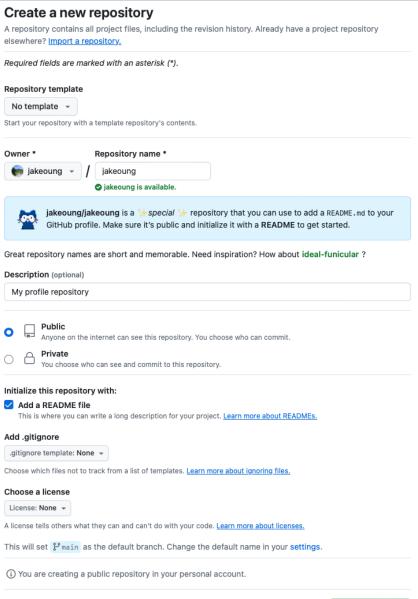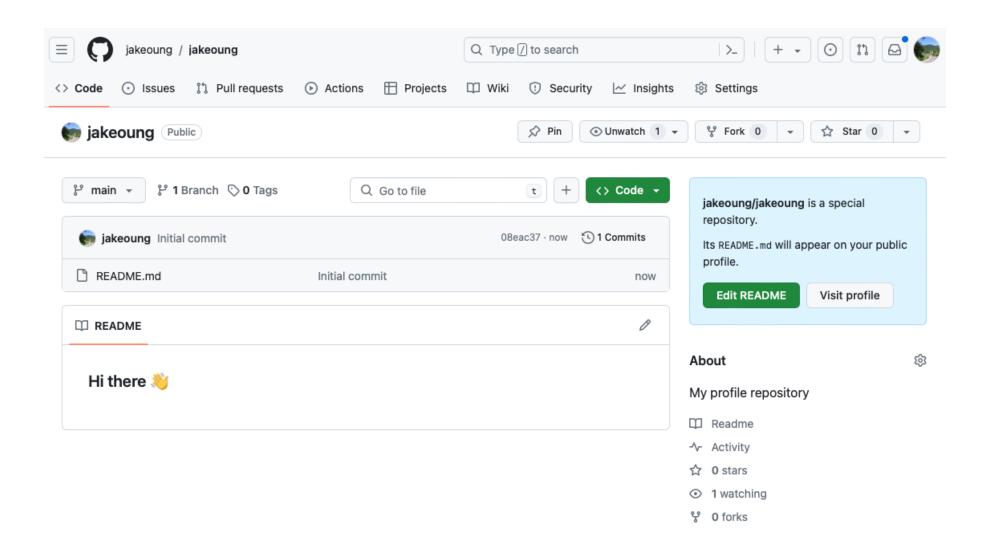
Lab 2-1. Create a New Repository

Lab 2-1. Create a New Repository

Change README.md

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 (*).

Repository template

No template ▾

Start your repository with a template repository's contents.

Owner *
jakeoung ▾ / **Repository name ***
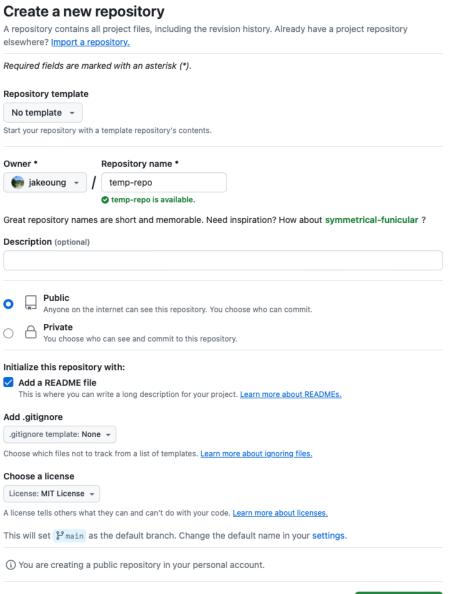jakeoung

✓ jakeoung is available.

jakeoung/jakeoung is a ✨ *special* ✨ repository that you can use to add a README.md to your GitHub profile. Make sure it's public and initialize it with a **README** to get started.

Great repository names are short and memorable. Need inspiration? How about **ideal-funicular** ?

Description (optional)

My profile repository

● **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

License: None ▾

A license tells others what they can and can't do with your code. Learn more about licenses.

This will set ⑂ main as the default branch. Change the default name in your settings.

ⓘ You are creating a public repository in your personal account.

Create repository