GitHub Adventure: Creating Your Own Repository!

Using a Template Repository to Kickstart Your Project

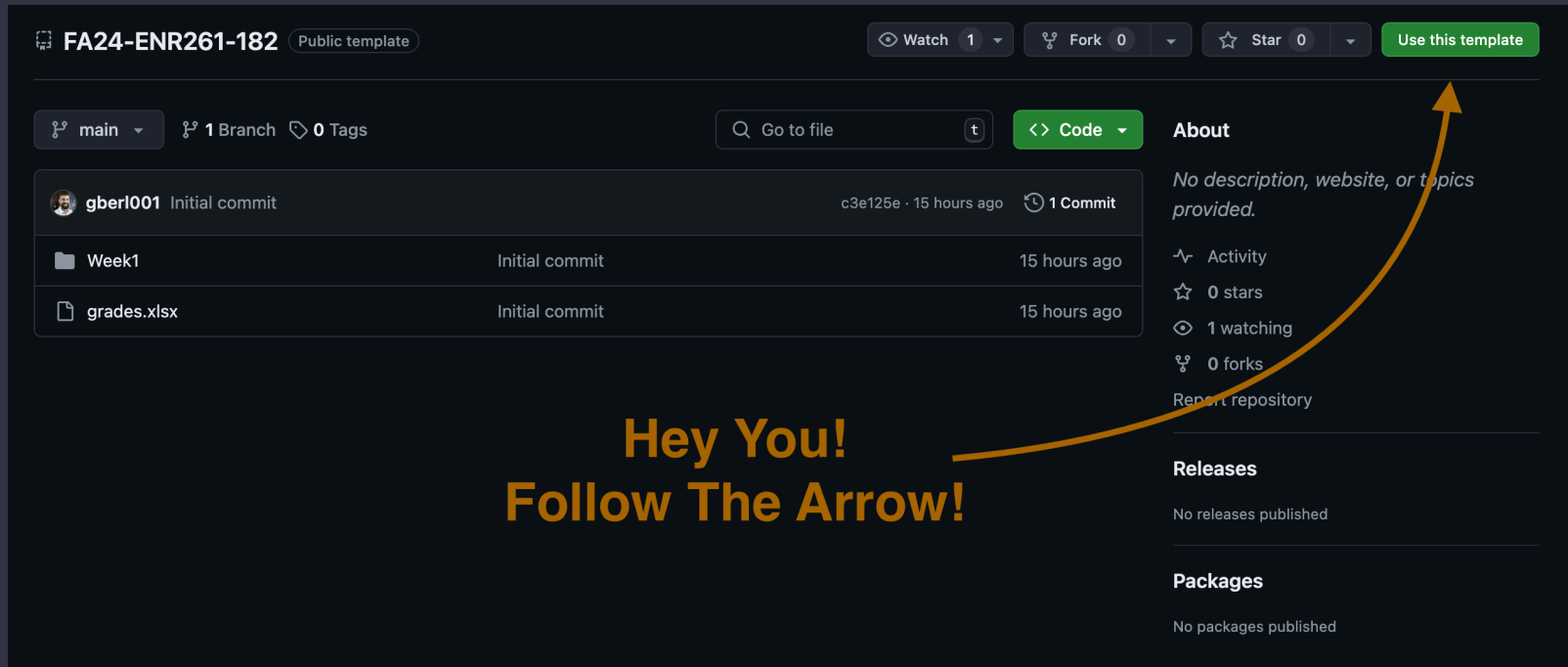# Step 1: Sign in to GitHub

Go to GitHub and sign in.

If you don't have an account, create one. Remember to keep your username professional!

Step 2: Find the Template Repository

Navigate to the URL: https://github.com/gberl001/FA24-ENR261-182.git

Step 3: Create Your Own Repository

Click the `Use this template` button to create your own repository from the template.

Step 4: Set up Your Repository

Choose a meaningful repository name. Example: "FA24-ENR261-**YourLastName**"

Please include your last name

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

👤 gberl001/FA24-ENR261-182 ⌄

Start your repository with a template repository's contents.

☐ **Include all branches**
Copy all branches from gberl001/FA24-ENR261-182 and not just the default branch.

Owner *   **Repository name ***

👤 gberl002 ⌄ / FA24-ENR261-182-BERI   **Step 1**

✅ FA24-ENR261-182-BERL is available.

Great repository names are short and memorable. Need inspiration? How about **verbose-octo-train** ?

Description (optional)

[   ]

⊙ 📖 **Public**
Anyone on the internet can see this repository. You choose who can commit.

⦿ 🔒 **Private**   **Step 2**
You choose who can see and commit to this repository.

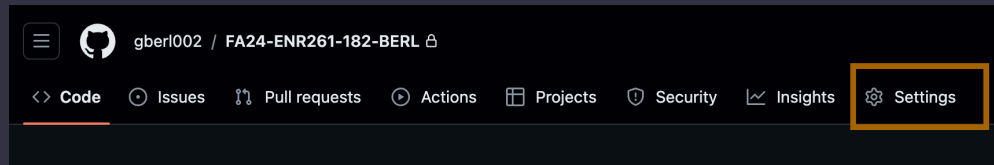ⓘ You are creating a private repository in your personal account.

Step 3   [**Create repository**]

Congrats! You've Created Your Repository!

But wait, there's more!

Share Your Repo with Your Instructor

In the upper left, select "⚙ Settings"

Set up Collaborators

Settings

- ⚙ General

Access
- 👥 Collaborators

Code and automation
- ⑂ Branches
- 🏷 Tags
- Rules
- ▶ Actions
- 🪝 Webhooks
- 🖥 Codespaces
- 🗔 Pages

Security
- Code security and analysis
- 🔑 Deploy keys
- Secrets and variables

Integrations
- GitHub Apps
- ✉ Email notifications

Who has access

PRIVATE REPOSITORY

Only those with access to this repository can view it.

Manage

DIRECT ACCESS

0 collaborators have access to this repository. Only you can contribute to this repository.

Manage access

You haven't invited any collaborators yet

Add people

Search for your Instructor

find **gberl001**

Add a collaborator to FA24-ENR261-182-BERL

Search by username, full name, or email

🔍 gberl001

Geoff Berl
gberl001 · Invite collaborator

Select a collaborator above

Confirm the Invite

Make sure you see the following...

Manage access

Add people

☐ Select all

Type ▾

🔍 Find a collaborator...

☐ **Geoff Berl**
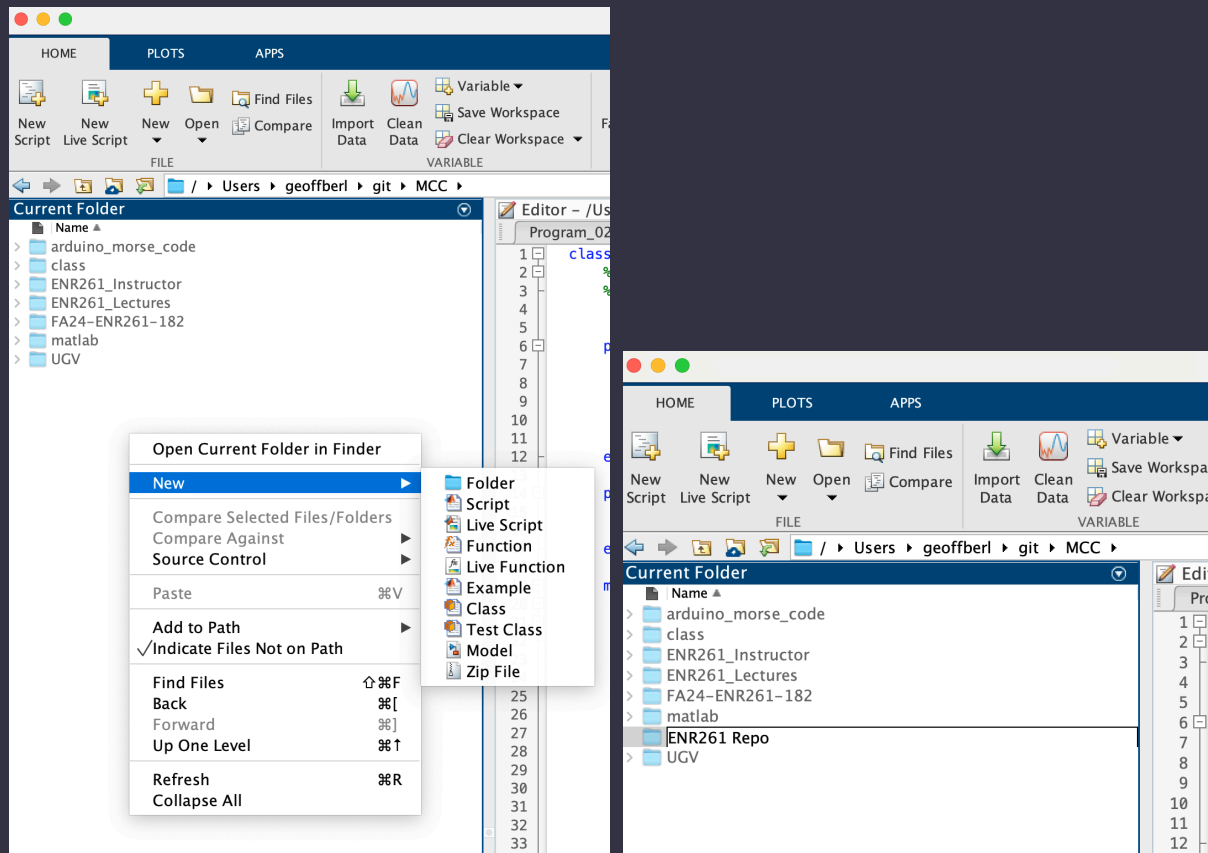Awaiting gberl001's response

Pending Invite 🗗

🗑

That's it for Github, let's hop over to MATLAB

Create a New Folder

1. Navigate to the directory where you would like to place your local files

2. Right click on any whitespace in the Directory window

3. Select the option to create a new folder and give it a name

I Lied...

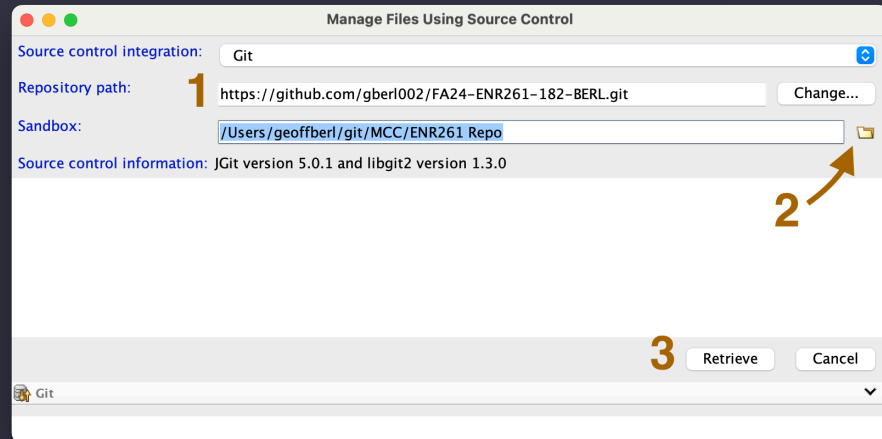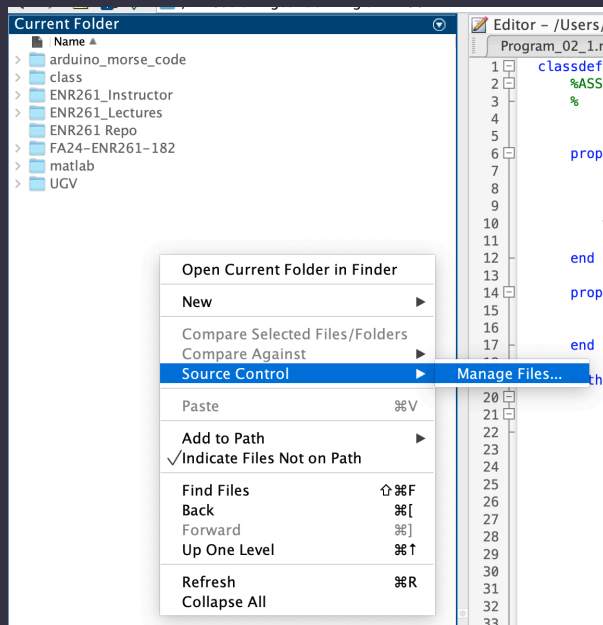You'll need your Repo URL for this next step

1. Go to your Github repo you created

2. Get the URL following the steps in the image
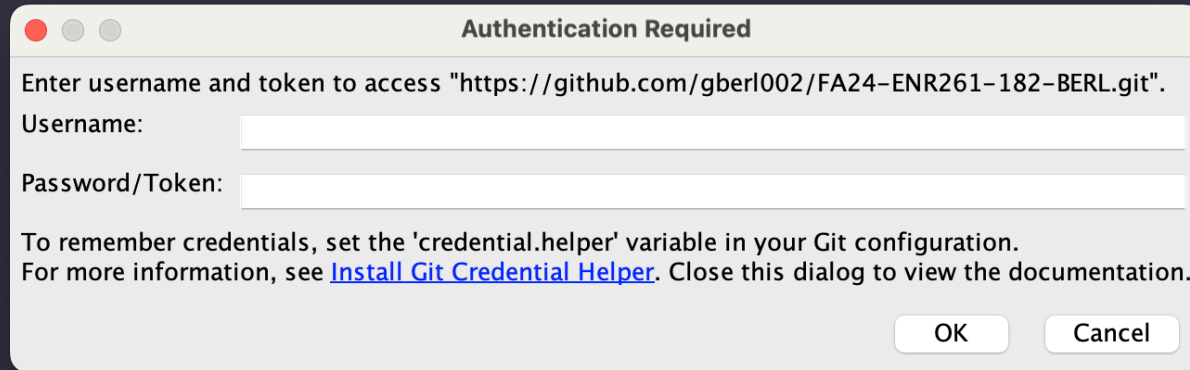
Set Up Your Local Repository

1. Click on the "Current Directory" whitespace again

2. Choose Source Control ⇒ Manage files...

Paste your Repository URL (1), select the folder you created (2), Click Retrieve (3)

Authenticate

Enter your Github account username and password

Authentication Required

Enter username and token to access "https://github.com/gberl002/FA24-ENR261-182-BERL.git".

Username: [_____]

Password/Token: [_____]

To remember credentials, set the 'credential.helper' variable in your Git configuration.
For more information, see Install Git Credential Helper. Close this dialog to view the documentation.

OK   Cancel