



GitHub Adventure: Creating Your Own Repository!

Using a Template Repository to Kickstart Your Project

GitHub

Step 1: Sign in to GitHub

Go to [GitHub](#) and sign in.

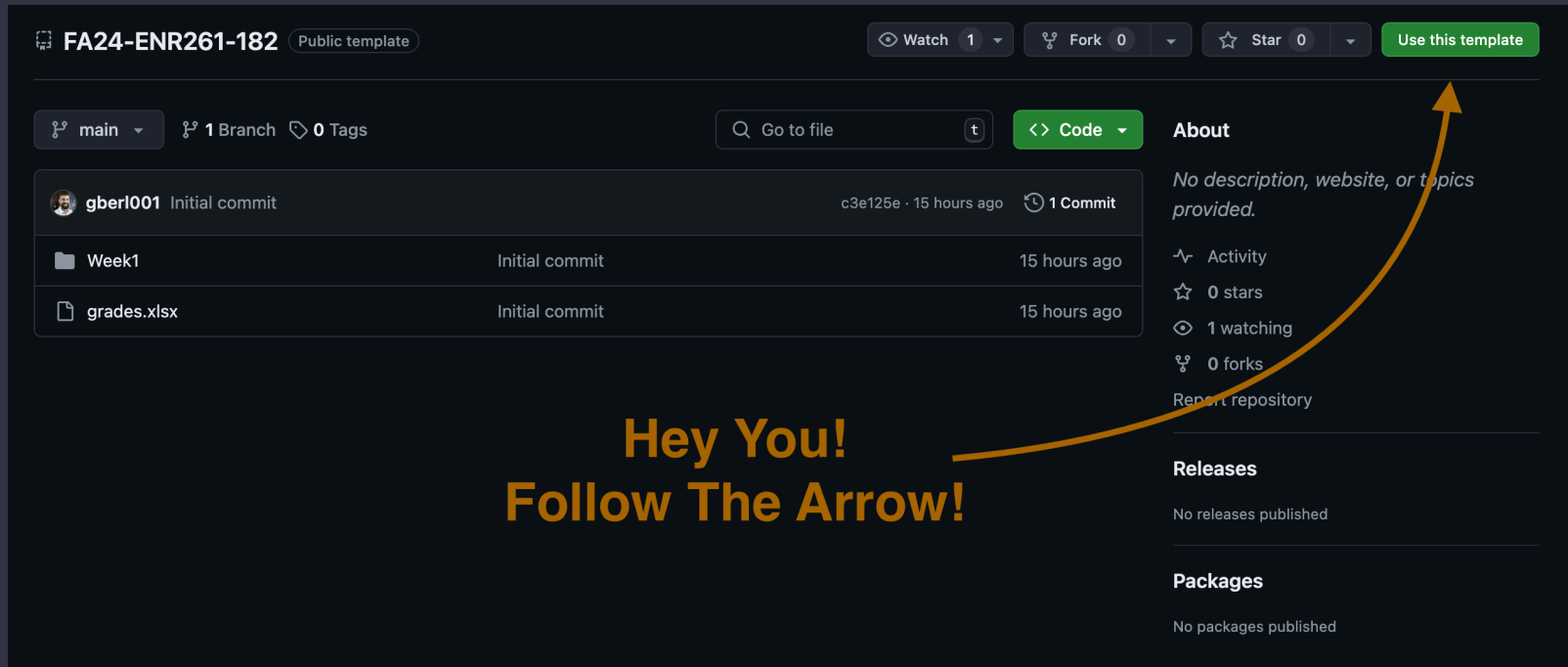
If you don't have an account, create one. Remember to keep your username professional!

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.



The screenshot shows a GitHub repository page for 'FA24-ENR261-182', which is a public template. The repository has 1 branch (main), 0 tags, and 1 commit. The commit history shows an initial commit by user 'gberl001' 15 hours ago. The repository contains a folder 'Week1' and a file 'grades.xlsx'. The right sidebar shows the 'About' section with no description, website, or topics provided, and the 'Releases' and 'Packages' sections with no published items. A yellow arrow points from the text 'Hey You! Follow The Arrow!' to the 'Use this template' button in the top right corner.

FA24-ENR261-182 Public template

Watch 1 Fork 0 Star 0 Use this template

main 1 Branch 0 Tags

Go to file

<> Code

About

No description, website, or topics provided.

Activity

0 stars

1 watching

0 forks

Report repository

Releases

No releases published

Packages

No packages published

**Hey You!
Follow The Arrow!**

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 *

 gberl002 ▾

Repository name *

FA24-ENR261-182-BERI

✓ FA24-ENR261-182-BERL is available.

Step 1

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**

You choose who can see and commit to this repository.

Step 2

 You are creating a private repository in your personal account.

Step 3

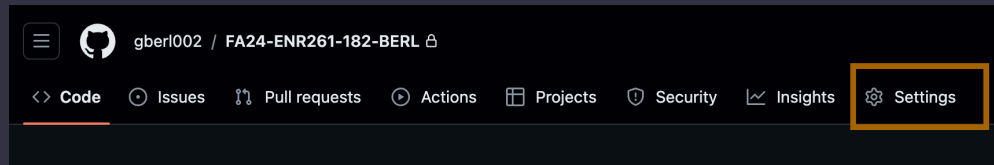
Create repository

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

The screenshot shows the GitHub repository settings page. On the left, a sidebar lists various settings categories: General, Access, Code and automation, Branches, Tags, Rules, Actions, Webhooks, Codespaces, Pages, Security, Code security and analysis, Deploy keys, Secrets and variables, Integrations, GitHub Apps, and Email notifications. The 'Access' category is expanded, and the 'Collaborators' sub-tab is selected and highlighted with an orange box. To the right of the sidebar, the 'Who has access' section shows two cards: 'PRIVATE REPOSITORY' and 'DIRECT ACCESS'. Below these, the 'Manage access' section contains a large box with a lock icon and the text 'You haven't invited any collaborators yet'. In this box, the text 'Step 2' is displayed in large orange font, and a green 'Add people' button is highlighted with an orange box.

Step 1

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

Step 2

Add people

Search for your Instructor

find **gberl001**



Add a collaborator to **FA24-ENR261-182-BERL**

Search by username, full name, or email

Q 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 ▾

☐



Geoff Berl
Awaiting gberl001's response

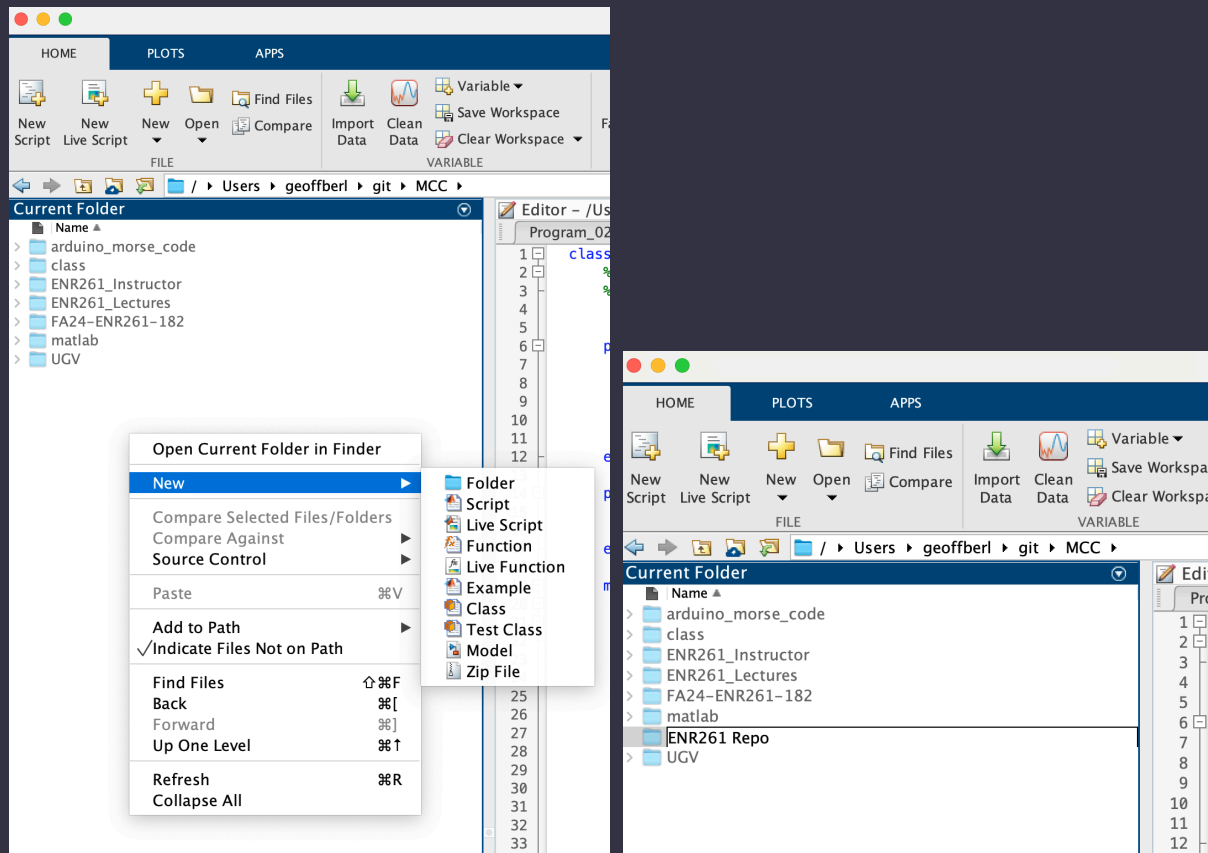
Pending Invite 



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

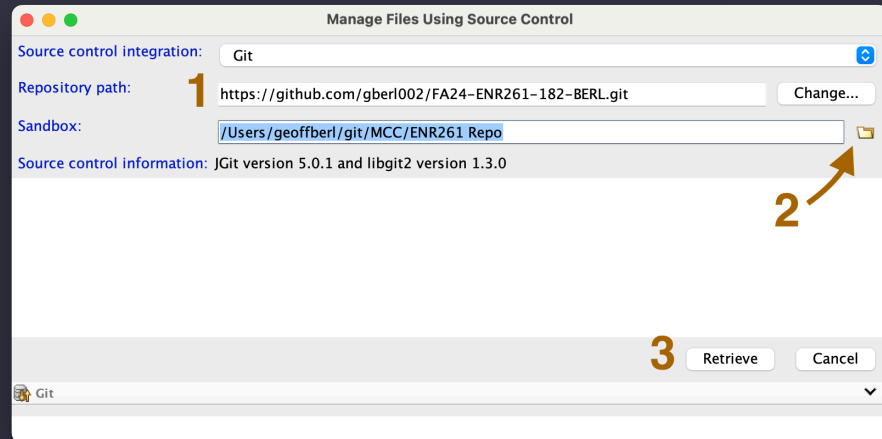
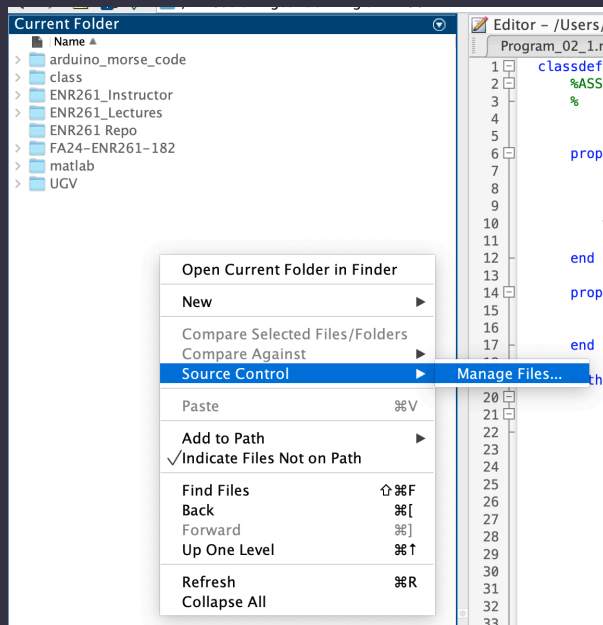
1. Go to your Github repo you created
2. Get the URL following the steps in the image

The screenshot shows a GitHub repository interface. At the top, the repository name is **FA24-ENR261-182-BERL** (Private), generated from [gberl001/FA24-ENR261-182](#). The main branch is **main**, with 1 branch and 0 tags. A search bar and 'Add file' button are visible. A green **<> Code** button is highlighted with an orange box and labeled with a large orange **1**. A dropdown menu is open, showing options: **Clone** (with a question mark), **HTTPS** (highlighted with an orange box), **SSH**, and **GitHub CLI**. A 'Copy url to clipboard' button is next to the URL `https://github.com/gberl002/FA24-ENR261-182`, which is also highlighted with an orange box and labeled with a large orange **3**. Below the URL, it says 'Clone using the web URL.'. Other options in the menu are 'Open with GitHub Desktop' and 'Download ZIP'. In the background, the repository content is visible, including a commit by **gberl002** (Initial commit) with files **Week1** and **grades.xlsx** (both Initial commit). A large orange **2** is placed near the file list. At the bottom, there is a section for adding a README, with a green **Add a README** button.

Set Up Your Local Repository

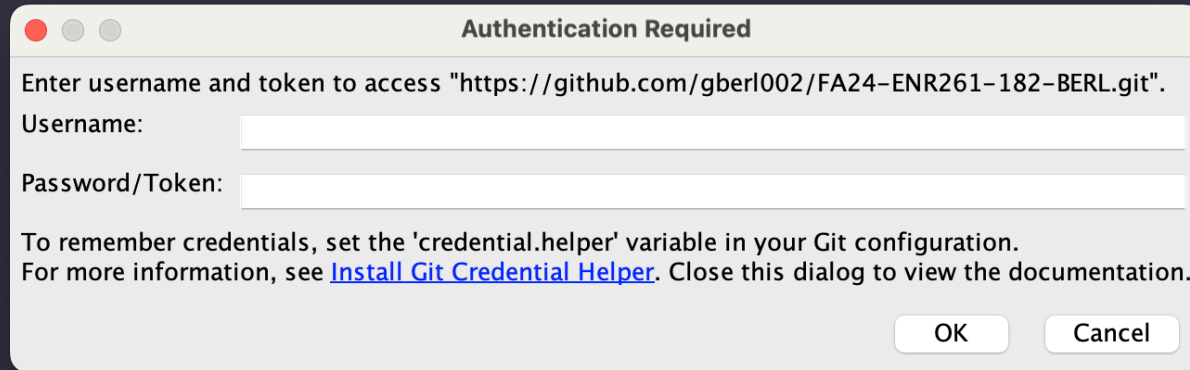
1. Click on the "Current Directory" whitespace again
2. Choose Source Control ⇒ Manage files...

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



Authenticate

Enter your Github account username and password

A macOS-style dialog box titled "Authentication Required". It contains instructions to enter a username and token for a specific GitHub repository. There are two input fields: "Username:" and "Password/Token:". Below the fields, there is a paragraph of text explaining how to save credentials and a link to the Git Credential Helper documentation. At the bottom right, there are "OK" and "Cancel" buttons.

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