



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/FL25-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 'gberl001' 15 hours ago, with a file named 'grades.xlsx'. The repository is currently being watched by 1 person and has 0 stars and 0 forks. The 'About' section states 'No description, website, or topics provided.' The 'Releases' and 'Packages' sections both show 'No releases published' and 'No packages published' respectively. An orange arrow points from the text 'Hey You! Follow The Arrow!' to the 'Use this template' button in the top right corner of the repository page.

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: "FL25-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-BERI 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

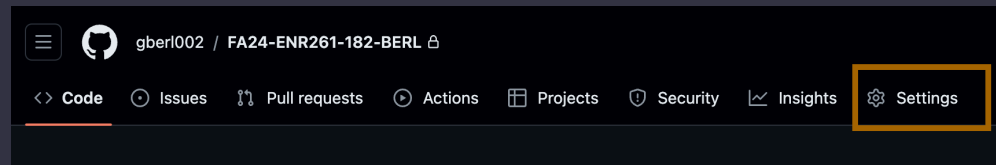
Create repository

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

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

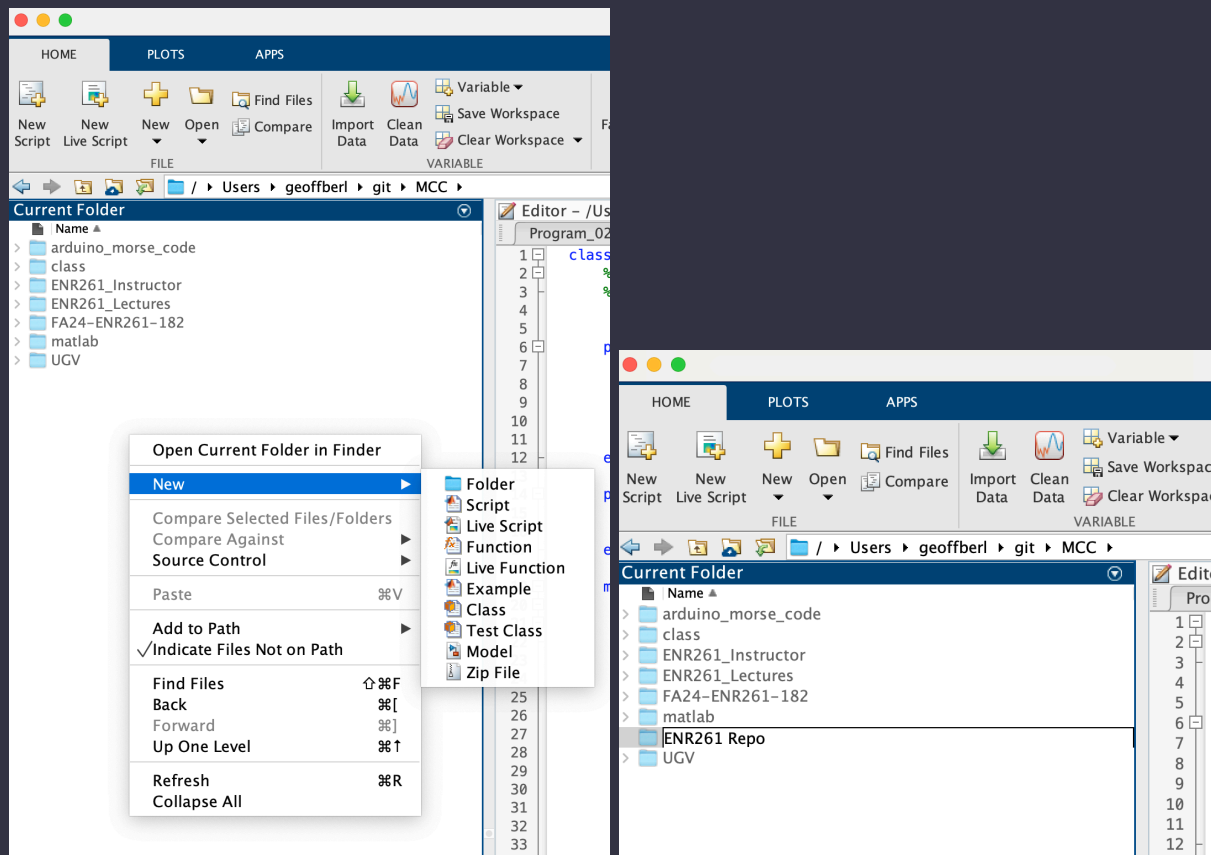
Pending Invite 



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 page for a user named **FA24-ENR261-182-BERL**. The repository is private and was generated from [gberl001/FA24-ENR261-182](#). The main branch is selected, showing an initial commit by **gberl002** with files **Week1** and **grades.xlsx**. A **README** section is visible at the bottom.

Annotations on the image indicate the steps to get the repository URL:

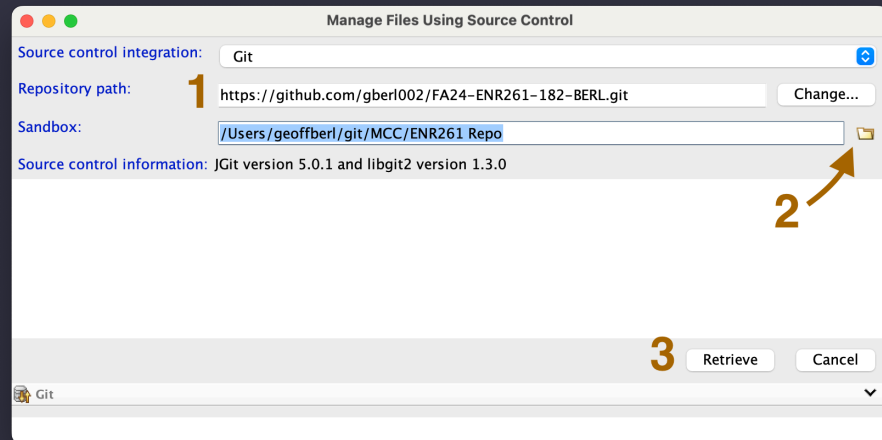
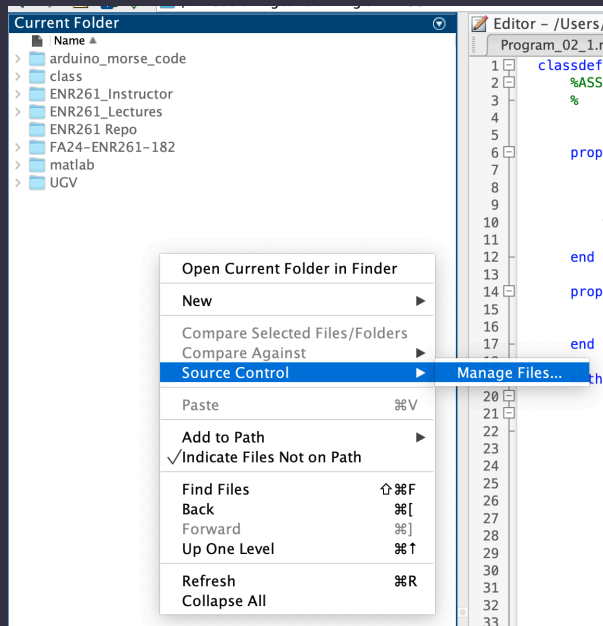
- 1**: A green **<> Code** button in the top right corner of the repository view is highlighted with an orange box.
- 2**: The **HTTPS** option under the **Clone** section is highlighted with an orange box.
- 3**: A copy icon (two overlapping squares) next to the URL `https://github.com/gberl002/FA24-ENR261-182` is highlighted with an orange box.

The URL shown is `https://github.com/gberl002/FA24-ENR261-182`. Below the URL, it says "Clone using the web URL." Other options include "Open with GitHub Desktop" and "Download ZIP".

SET UP YOUR LOCAL REPOSITORY

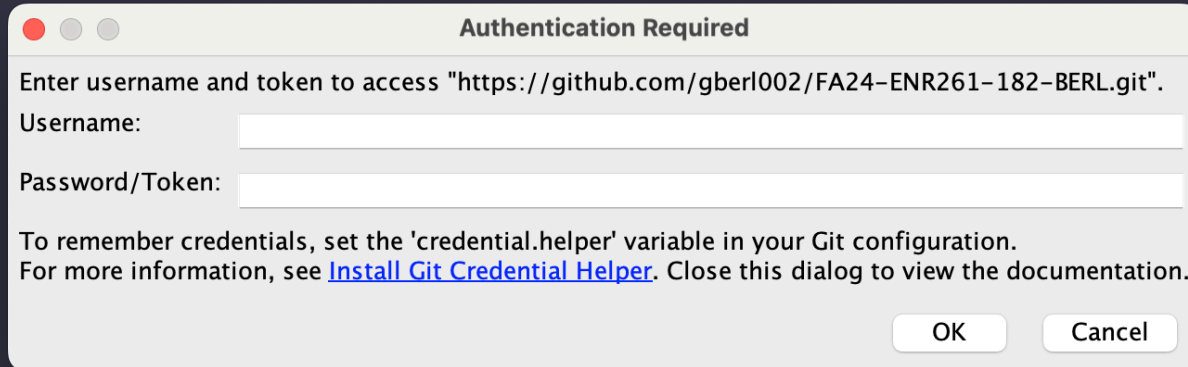
1. Click on the "Current Directory" whitespace again
2. Choose Source Control ⇒ Manage files...

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



AUTHENTICATE

Enter your Github account username and password

A screenshot of a macOS-style dialog box titled "Authentication Required". The dialog has a title bar with three window control buttons (red, yellow, grey). The main content area contains the text "Enter username and token to access 'https://github.com/gberl002/FA24-ENR261-182-BERL.git'." followed by two input fields. The first field is labeled "Username:" and the second is labeled "Password/Token:". Below the input fields, there is a paragraph of text: "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." At the bottom right of the dialog, there are two buttons: "OK" and "Cancel".

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

Note: You may need to create a personal-access-token. More info [here](#)

QUICK CHECKLIST

- Install Git and create a GitHub account
- Generate SSH key and add to GitHub
- `git config --global user.name` and `user.email`
- Create your repo from the template
- Clone your repo locally (SSH or via MATLAB Source Control)
- Make a small change, commit, and push
- Share repo access with your instructor

QUICK PUSH/PULL DEMO

1. Create a new file, e.g., `hello.txt`
2. Stage + commit:

```
git add hello.txt  
git commit -m "Add hello.txt"
```

3. Push to `main`:

```
git push origin main
```

4. Pull to verify on another machine (or after a change):

```
git pull
```