



# 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/SP26-ENR261-180.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, with a file named 'grades.xlsx'. The repository is currently empty, with no descriptions, websites, or topics provided. The right sidebar shows the repository's activity, including 0 stars, 1 watching, and 0 forks. The 'Use this template' button is highlighted with a green border and a green arrow pointing to it from the text 'Hey You! Follow The Arrow!'.

**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: "SP26-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

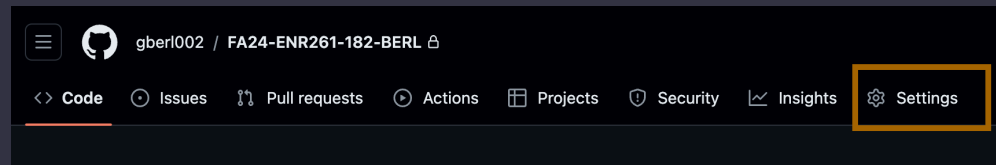
Create repository

# 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**



**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

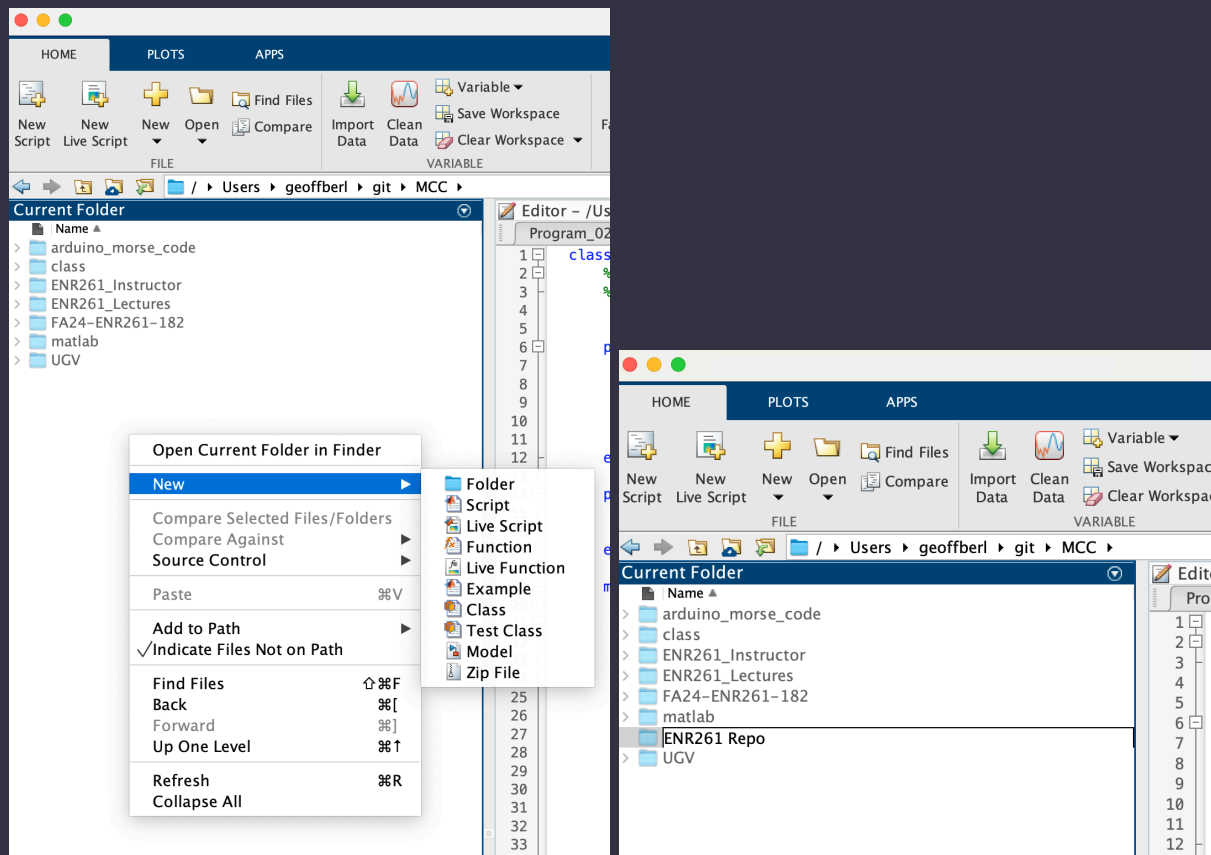
Pending Invite 



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 for a user named 'FA24-ENR261-182-BERL'. The repository is private and was generated from 'gberl001/FA24-ENR261-182'. The main branch is 'main', and there is 1 branch and 0 tags. The repository contains an 'Initial commit' by 'gberl002', a folder 'Week1', and a file 'grades.xlsx'. A 'README' section is visible at the bottom with an 'Add a README' button.

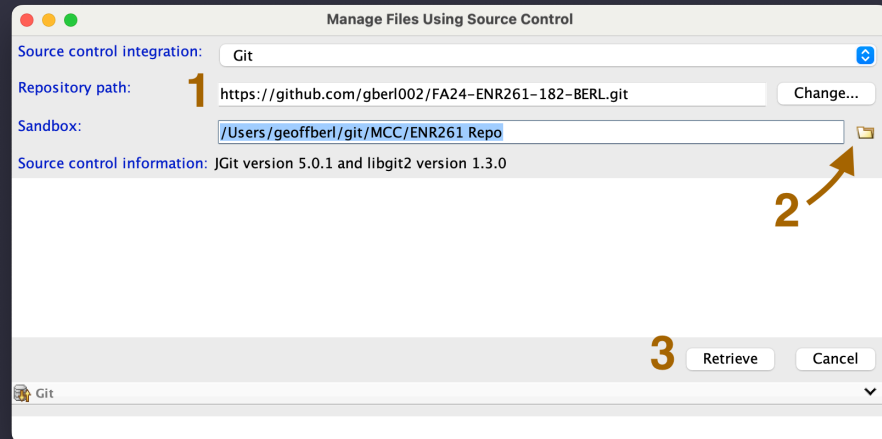
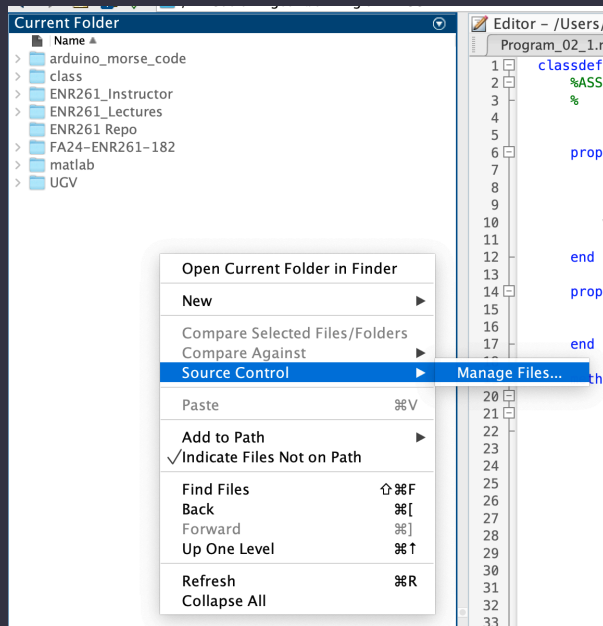
Annotations on the image indicate the steps to get the repository URL:

1. Click the 'Code' button (highlighted with a green box).
2. Select the 'HTTPS' option for cloning (highlighted with a green box).
3. Copy the URL 'https://github.com/gberl002/FA24-ENR261-182' (highlighted with a green box).

# SET UP YOUR LOCAL REPOSITORY

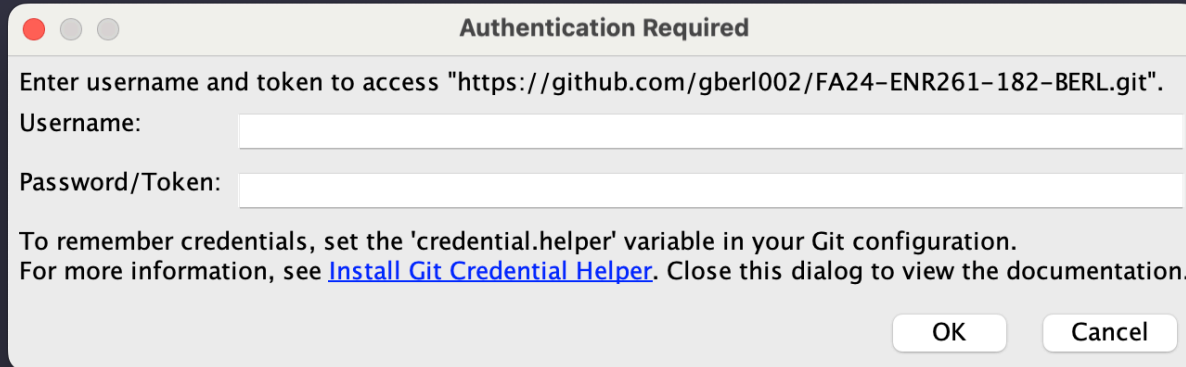
1. Click on the "Current Directory" whitespace again
2. Choose Source Control ⇒ Manage files...

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
```