

# Github Action Setup

# Before Setup

- **Alternative** way to run grading script
- You need to sign up a GitHub Account, if you do not have one before.
- You need to set your repo as “**Private**” repository  
If not, **ANYONE** can see your answer
- Download “grading.yml” from canvas  
(files/Assignment files - code and data/grading.yml)

# Create a new repo

1. Click “+”

The screenshot shows the GitHub 'Create a new repository' page. A red box highlights the '+' button in the top right navigation bar. A dropdown menu is open, showing options: 'New repository', 'Import repository', 'New codespace', 'New gist', 'New organization', and 'New project'. The 'New repository' option is highlighted with a red box. To the right of the dropdown, text says '2. Click “New repository”'. Below the dropdown, the 'Create a new repository' form is visible. It includes a 'Repository template' section with a 'No template' dropdown. The 'Owner' field is set to 'Your Github' and the 'Repository name' field is empty. A note suggests repository names should be short and memorable, with an example 'super-duper-octo-pancake'. The 'Description (optional)' field is empty. In the 'Visibility' section, the 'Public' option is selected by default, but the 'Private' option is highlighted with a red box. To the left of this section, text says '3. Set this repo as **Private** repository'. Below the visibility section, there are options to 'Initialize this repository with:' including 'Add a README file' and 'Add .gitignore'. The '.gitignore' section has a dropdown set to 'None'.

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 \* / Repository name \*

Your Github /

Great repository names are short and memorable. Need inspiration? How about [super-duper-octo-pancake](#)?

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.

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](#).


**Set it as Private!**  
**Set it as Private!**  
**Set it as Private!**  
**Or ANYONE can see your answer**

# Add the grading yaml file to the repo

- Please make sure that its path “.github/workflows/grading.yml”

 Your repo name / .github / workflows / grading.yml in main

Edit Preview

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1

Enter file contents here

Paste the content of grading.yml

# Put files under the repo

Your Repo Name

Unwatch 1 Fork 0 Star 0

main 1 branch 0 tags

Go to file Add file <> Code

aa7fde3 now 37 commits

.github/workflows	Update grading_script.yml	2 weeks ago
block.py	Create block.py	2 weeks ago
filename.py	Create filename.py	2 weeks ago
fileoperations.py	Create fileoperations.py	2 weeks ago
fsconfig.py	Create fsconfig.py	2 weeks ago
fsmain.py	Update fsmain.py	2 weeks ago
inode.py	Create inode.py	2 weeks ago
inodenumbr.py	Create inodenumbr.py	2 weeks ago
shell.py	Create shell.py	2 weeks ago

Add a README with an overview of your project. Add a README

About

No description, website, or topics provided.

Activity 0 stars 1 watching 0 forks

Releases

No releases published  
[Create a new release](#)

Packages

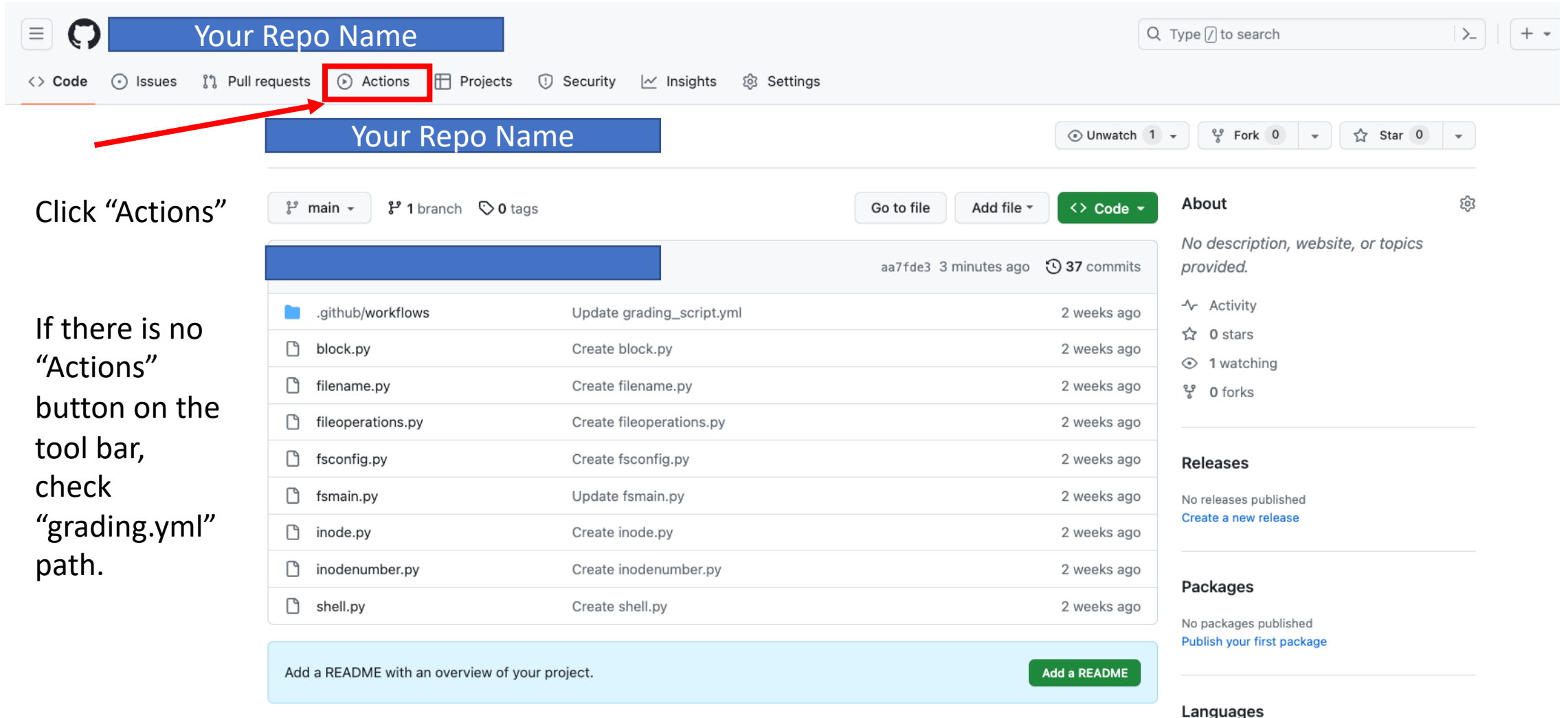
No packages published  
[Publish your first package](#)

Languages

Python 100.0%

Please make sure that you added all required files in the repo

# Start Github Action for generating result



Click "Actions"

If there is no "Actions" button on the tool bar, check "grading.yml" path.

Your Repo Name

Code Issues Pull requests **Actions** Projects Security Insights Settings

Unwatch 1 Fork 0 Star 0

main 1 branch 0 tags

Go to file Add file <> Code

aa7fde3 3 minutes ago 37 commits		
.github/workflows	Update grading_script.yml	2 weeks ago
block.py	Create block.py	2 weeks ago
filename.py	Create filename.py	2 weeks ago
fileoperations.py	Create fileoperations.py	2 weeks ago
fsconfig.py	Create fsconfig.py	2 weeks ago
fsmain.py	Update fsmain.py	2 weeks ago
inode.py	Create inode.py	2 weeks ago
inodenum.py	Create inodenum.py	2 weeks ago
shell.py	Create shell.py	2 weeks ago

Add a README with an overview of your project. Add a README

About

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Activity

0 stars

1 watching

0 forks

Releases

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Create a new release

Packages

No packages published

Publish your first package

Languages

# Run Github Action

1. Click "Generating Result"

2. Click "Run workflow"

3. Enter the number, and Run Workflow  
For example, if we want to test homework 2, we enter 2.

This workflow has no runs yet.

# Check the result

main

1 branch

0 tags

Go to file

Add file

<> Code

Delete absolutepath.py

bdf01d6 now

45 commits

.github/workflows	Update grading.yml	1 minute ago
result	generated	1 minute ago
block.py	Create block.py	2 weeks ago
filename.py	Create filename.py	2 weeks ago
fileoperations.py	Create fileoperations.py	2 weeks ago
fsconfig.py	Create fsconfig.py	2 weeks ago
fsmain.py	Update fsmain.py	2 weeks ago
inode.py	Create inode.py	2 weeks ago
inodenum.py	Create inodenum.py	2 weeks ago
shell.py	Create shell.py	2 weeks ago

Add a README with an overview of your project.

Add a README

About

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0 stars

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Python 100.0%

The result (diff file) is inside the result directory.