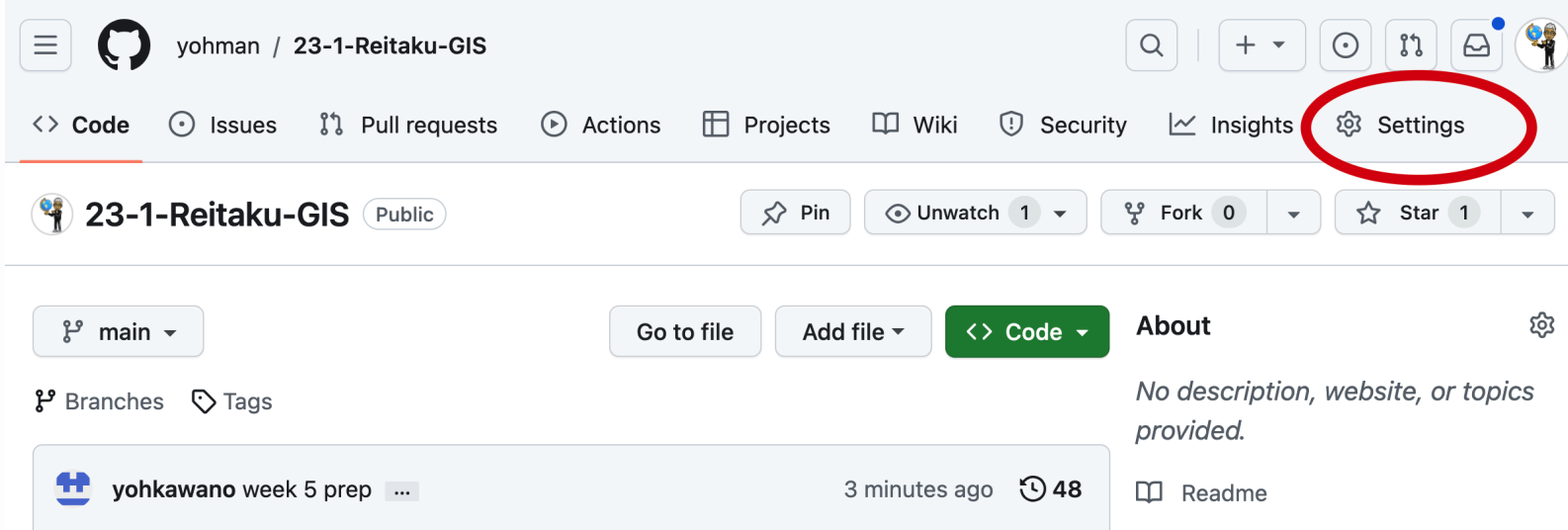


# **Week 5**

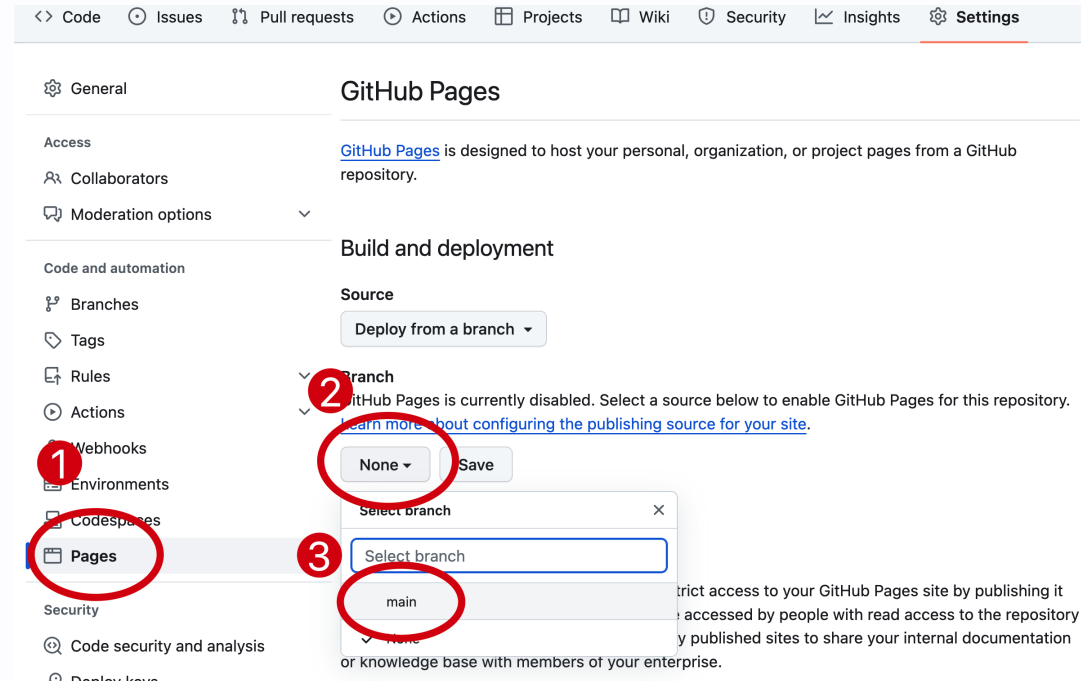
## Publishing your Web Map

GISの世界へようこそ

# Set up "Pages" on GitHub



1. Go to your GitHub GIS repository
2. Click on "Settings"



1. Click on **pages**
2. Under **Branch** click on the **None** dropdown
3. Select **main**
4. Click on **save**

GitHub interface showing the **Actions** tab selected. The page displays workflow runs for the repository **yohman / 23-1-Reitaku-GIS**.

The **Actions** sidebar on the left includes:

- Actions
- New workflow
- All workflows
- pages-build-deployment
- Management
- Caches
- Runners (Beta)

The main content area shows **All workflows** with a search bar "Filter workflow runs". It indicates "Showing runs from all workflows" and lists **1 workflow run**.

Event	Status	Branch	Actor
pages build and deployment	now	pages-build-deployment #1: by yohman	In progress

1. Go to **Actions**

2. Wait for yellow circle ● to turn to green ●

GitHub repository settings for **yohman / 23-1-Reitaku-GIS**.

**Settings**

**General**

**Access**

- Collaborators
- Moderation options

**Code and automation**

- Branches
- Tags
- Rules
- Actions
- Webhooks

**GitHub Pages**

GitHub Pages is designed to host your personal, organization, or project pages from a GitHub repository.

Your site is live at <https://yohman.github.io/23-1-Reitaku-GIS/>

Last [deployed](#) by [yohman](#) 6 minutes ago

[Visit site](#)

**Build and deployment**

**Source**

Deploy from a branch

1. Go back to **Settings / Pages**
2. Note the URL for your GitHub account

# Open VSCode

1. Open the notebook with the folium map you want to publish
2. Make sure the map is in a variable (in the map below, the map variable is `m` )

```
# import folium, a leaflet python library
import folium

# create a list of lat/lon pair for UCLA
reitaku = [35.8330, 139.9550]

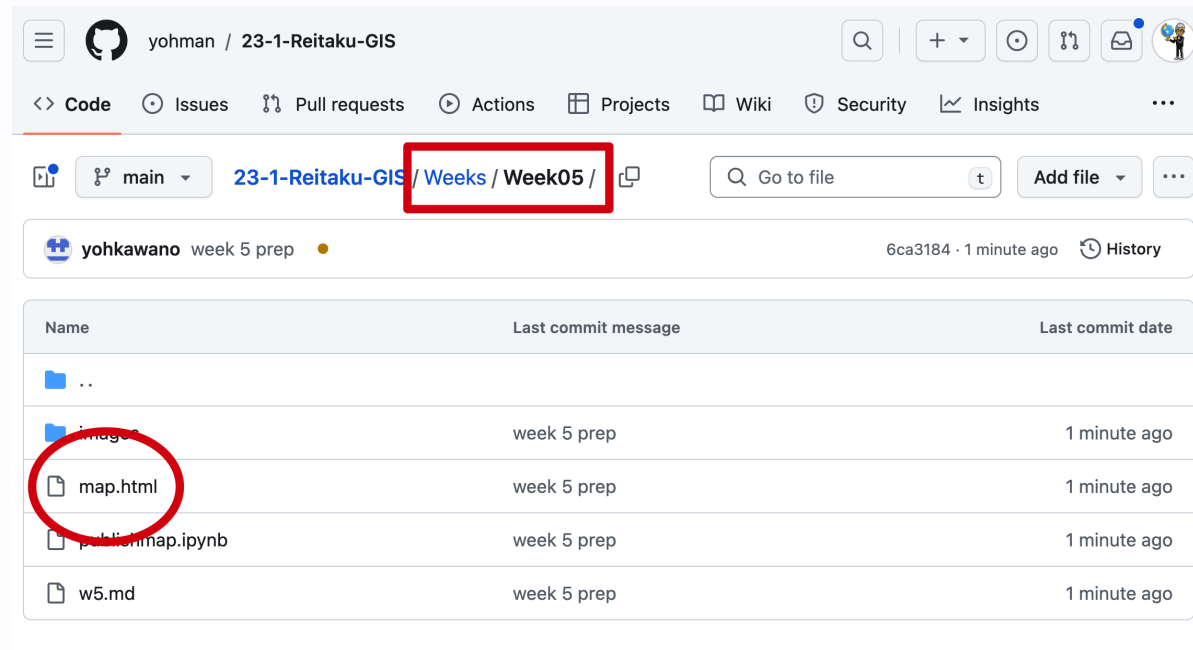
# make the map
m = folium.Map(location=reitaku, zoom_start=15)

# add a marker
folium.Marker(reitaku,
              popup="Reitaku University, the best place on earth!",
              tooltip="Reitaku University").add_to(m)

# show the map
m
```

```
m.save("map.html")
```

1. Create a new code cell, and add code above
2. Check to make sure the file `map.html` was created
3. Save and commit to GitHub



1. Go to your GitHub account, and find `map.html`
2. Construct the URL for your map. Should be something like:

`yohman.github.io/gis/Weeks/Weeks05/map.html`