Lab 10

GitHub Pages Documentation

Introduction

GitHub Pages is a free web hosting service provided by GitHub that allows you to host static websites directly from a GitHub repository. It's perfect for portfolios, documentation, project pages, or any static content.

This guide will walk you through the process of setting up and publishing your website using GitHub Pages.

Prerequisites

- A GitHub account

- A repository containing your static website (HTML, CSS, JS)

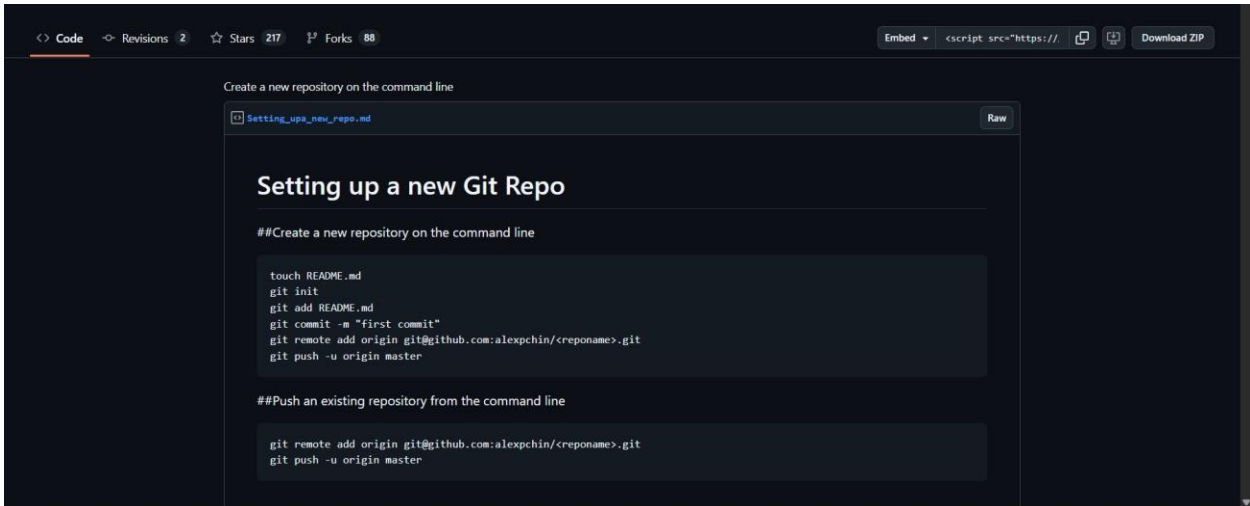- Basic knowledge of Git and GitHub

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Steps to Deploy Your Website with GitHub Pages

Step 1: Create or Use an Existing Repository

If you don't have a repository yet, create one:

1. Go to github.com

2. Click on **New repository**

3. Name your repository (e.g., `my-portfolio`)

4. Initialize it with a README (optional)
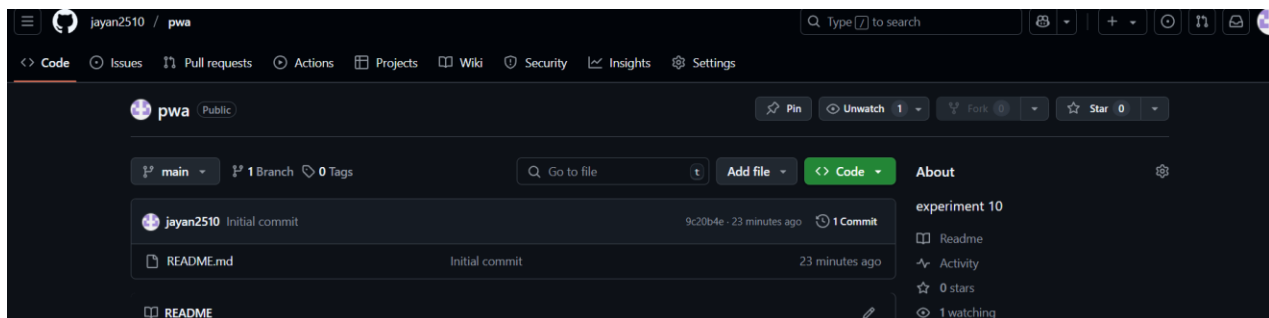

Step 2: Upload Your Website Files

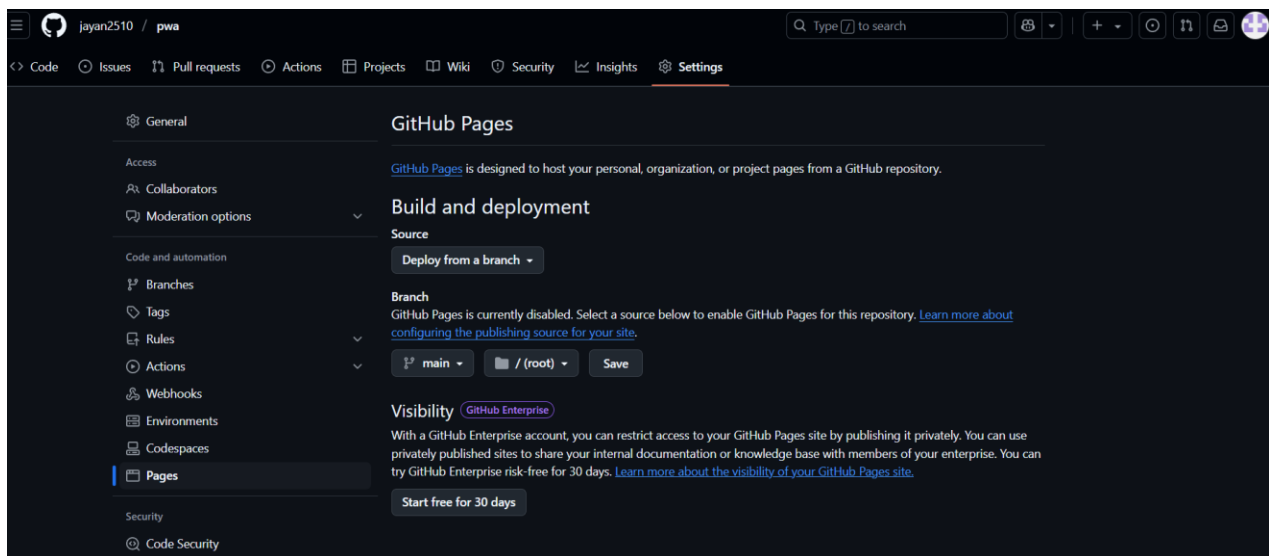Make sure your repository contains the files you want to publish, such as `index.html`.

You can either:

- Drag and drop files on the web interface

- Use Git commands (`git add`, `git commit`, `git push`) from your local machine

Step 3: Enable GitHub Pages

1. Go to your repository

2. Click on the **Settings** tab

3. Scroll down to **Pages** in the left menu

4. Under **Source**, select the branch (usually `main`) and folder (e.g., `/root` or `/docs`)

5. Click **Save**

Step 4: Access Your Live Website

After enabling GitHub Pages:

● Wait a few seconds

● You'll see a link like: https://jayan2510.github.io/github_pages/

Click it to view your live site ⧉

Expense Tracker

Expense Name

Amount

dd/mm/yyyy

Add Expense

Conclusion

GitHub Pages provides an easy, fast, and free way to publish static websites directly from your GitHub repo. Whether you're showcasing a project or building a personal site, it's a powerful tool in your web development journey.