Host an HTML Website Online – GitHub Pages

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# **GitHub Pages**

Lets us put websites created with HTML, CSS, and JavaScript code on the Internet

# **Overall Process**

1. Write your HTML, CSS, and JavaScript code on your computer (as normal)

2. Upload your code to a GitHub repository

3. Turn on GitHub Pages from the repository's settings

# **Step By Step**

1. Write the code for your website as normal (make sure your website works when you open the HTML file in your browser)

2. In your browser, go to "github.com" and sign in

3. Click your icon in the top-right > Click "Your repositories" (repository = folder that contains all your code)

Graphical user interface, application

Description automatically generated

4. If you already have a repository, open it. Otherwise, on the right side click "New"

Graphical user interface, application

Description automatically generated

4a. When creating a new repository:

● Give it a name (any name is fine)

● Make sure it is "Public" (private repositories need to pay a fee to use GitHub Pages)

● Everything else can be left as default Upload Your Code

Graphical user interface, text, application

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5. Click "Upload files"

New repository: Existing repository:

Graphical user interface, text, application, Word

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Description automatically generated

You can also add "/upload" to the end of the URL:

Graphical user interface, text, application, website

Description automatically generated

6. Drag and drop the code you want to upload and click "Commit Changes" at the bottom.

❌ Don't drag the folder containing all your code into GitHub

✅ First open the folder, then select all your code and drag and drop into GitHub

Graphical user interface, application

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# **Turn on GitHub Pages**

7. In your repository, click "Settings" on the top-right.

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8. Click the "Pages" tab on the left.

Graphical user interface, application

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9. Select Branch: main (or master) and click Save.

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Graphical user interface, text, application, chat or text message

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10. To visit your GitHub Pages website, enter this URL at the top of your browser:

[your\_github\_username].github.io/[repository\_name]/[file\_name].html

If you don't provide an HTML file, GitHub Pages will look for a file called "index.html":

[your\_github\_username].github.io/[repository\_name]