

Websites are hosted or stored on special computers called servers. When Internet users want to view your website, all they need to do is type your website address or domain into their browser. Their computer will then connect to your server and your web pages will be delivered to them through the browser.

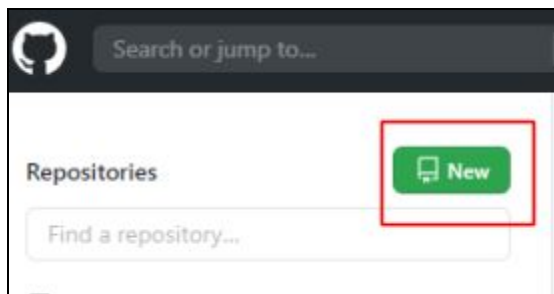
Most hosting companies require that you own your domain in order to host with them like www.harrypotter.com. You will need to purchase a domain name like this, but we can still host our website using another tool without a domain name.

We will store our website on GitHub and then we will host our website pages from a GitHub repository.

Watch [this video](#) for a better understanding.

Steps to host a Website:

1. Ensure that your website's starting page is named **index.html**.
2. Open <https://github.com/> and sign up for GitHub. If you already have an account you can sign in to GitHub.
3. Click on New button and create a repository.




Create a new repository


A repository contains all project files, including the revision history. Already have a project repository elsewhere? [Import a repository.](#)

Owner * priyapandey2020 / Repository name * myBlog ✓

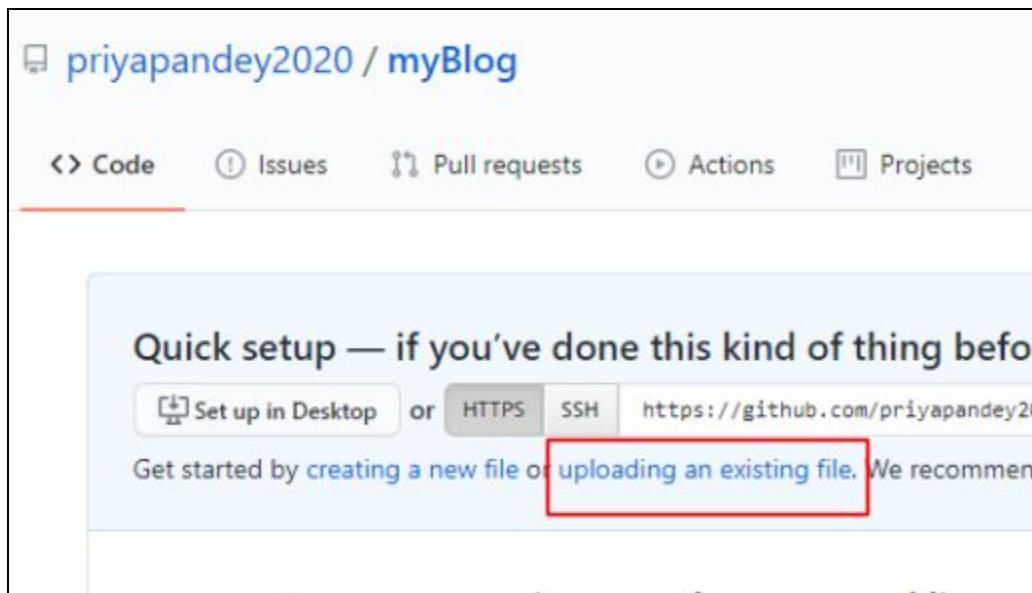
Great repository names are short myBlog is available. Need inspiration? How about [sturdy-spork?](#)

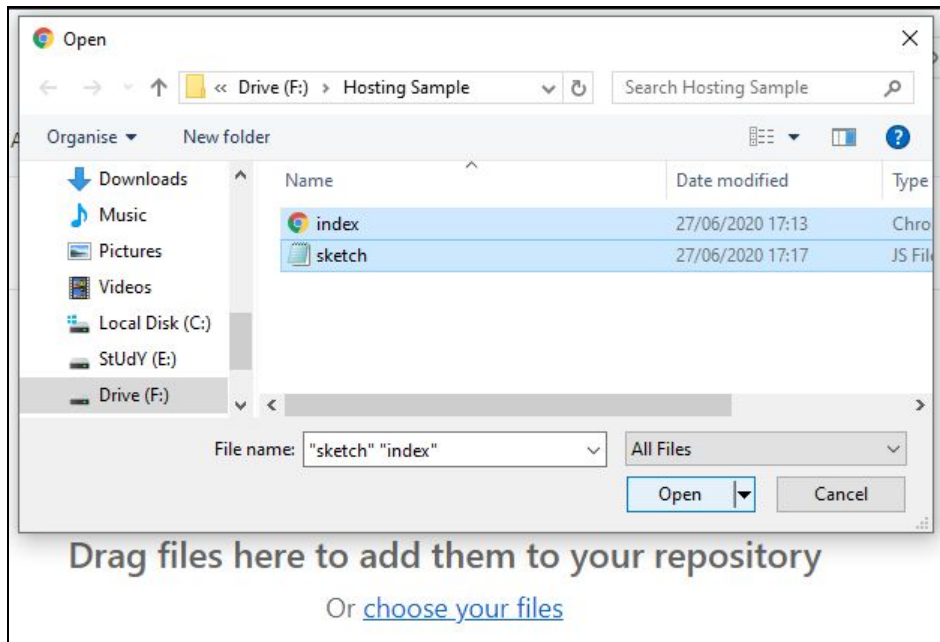
Description (optional)

☒  **Public**
Anyone on the internet can see this repository. You choose who can commit.

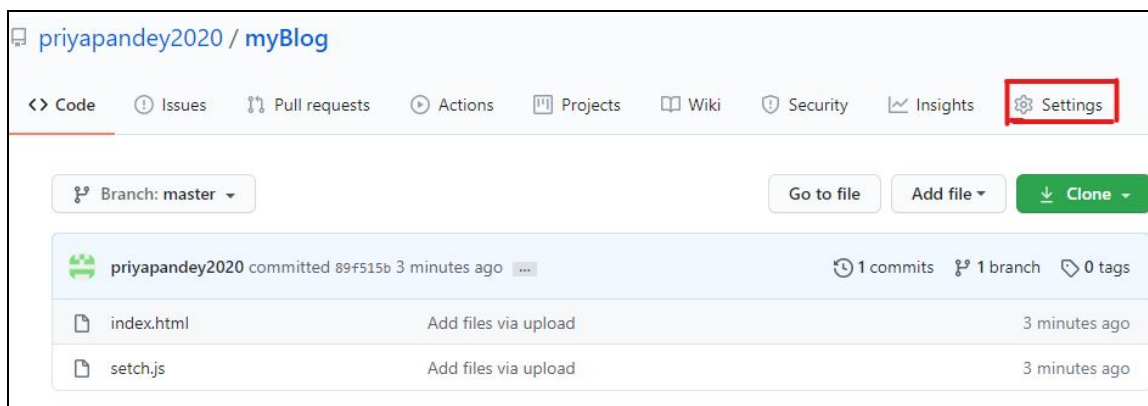
☐  **Private**
You choose who can see and commit to this repository.

4. Then click on the Create repository button.
5. Click on “Uploading an existing file” and then choose your respective project file.
 - Make sure your project files contain the main file with the name of **“index.html”**.

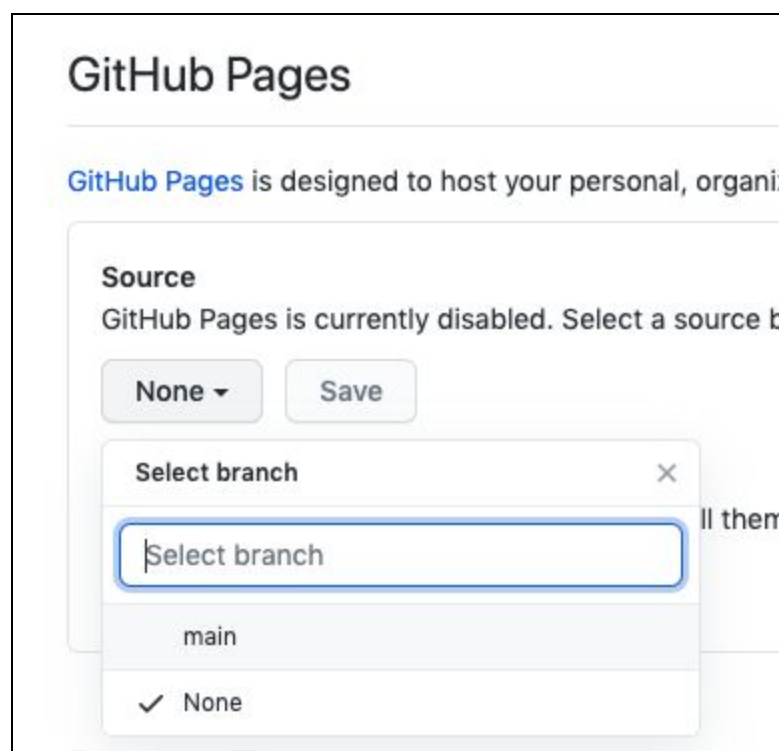




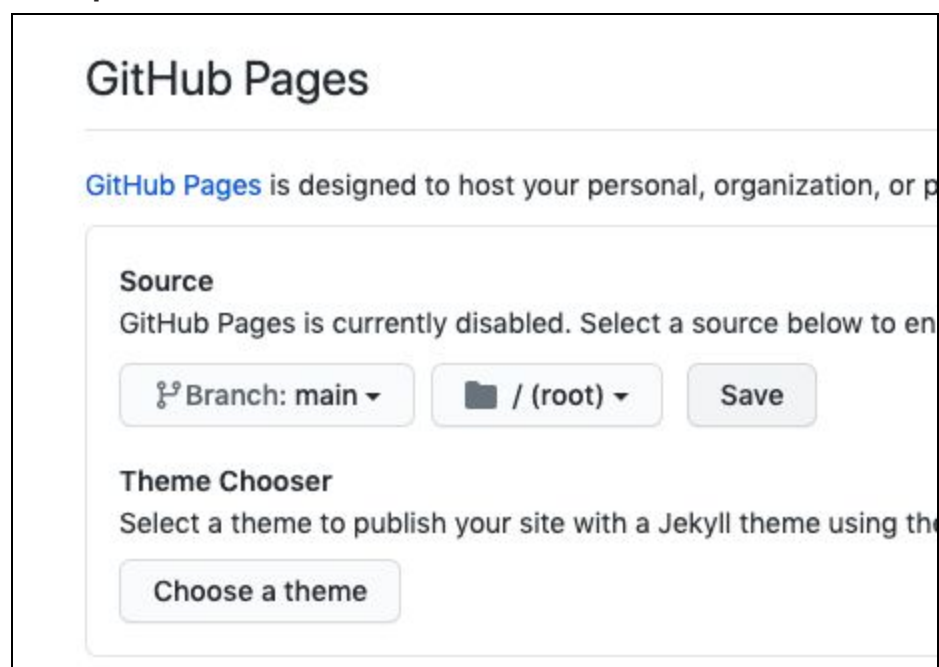
6. After selecting files click on the “**Commit changes**” button.
7. After uploading files successfully, to host your project, go to the **settings** option in the same repository.
8. Click the **Settings** button as shown below.



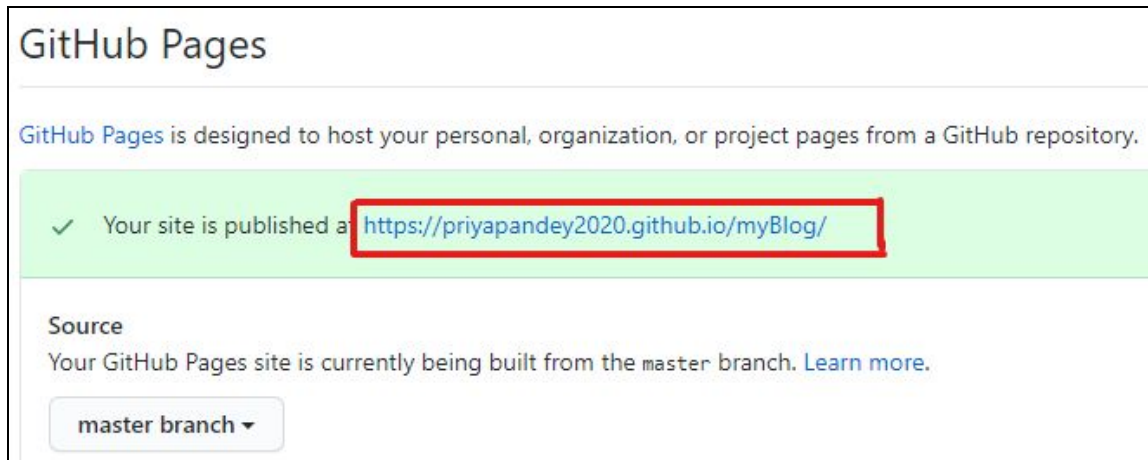
9. Scroll down and go to the “**GitHub Pages**” section.
10. Change Source option from “None” to “main”.



Then press save Button

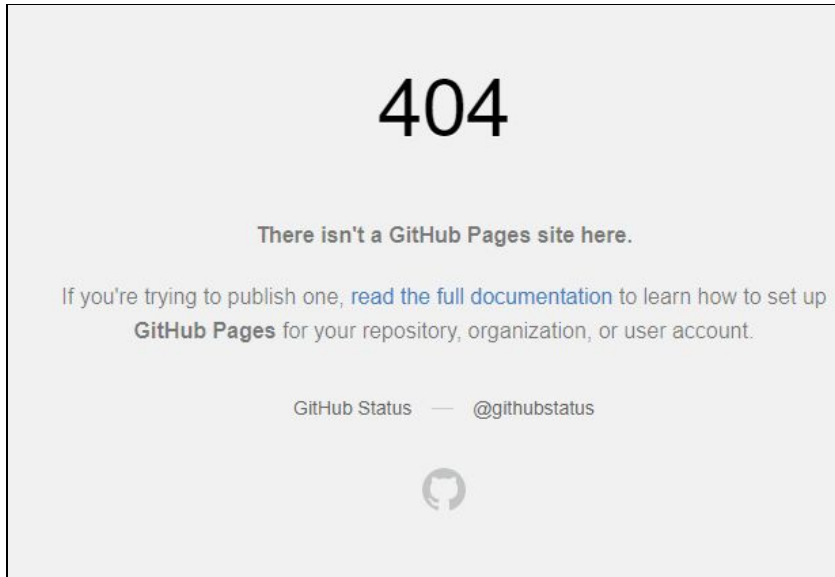


11. After completing the above step, you will see a link displayed in the “**GitHub Pages**” section. When you click on that, you will be redirected to your website’s home page.



12. This means your website is hosted now publicly. You can share the same link with others so they will also be able to see your website.

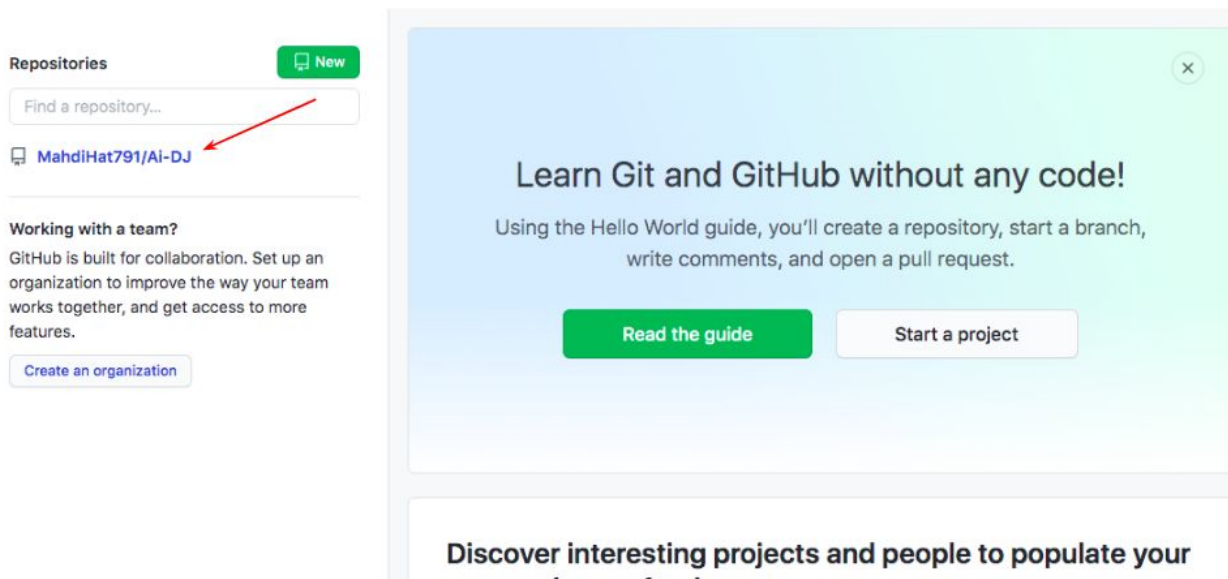
Note: Sometimes after link generation, you have to wait for 3-5 mins to see your website. It may give an error of this kind, so please be patient.



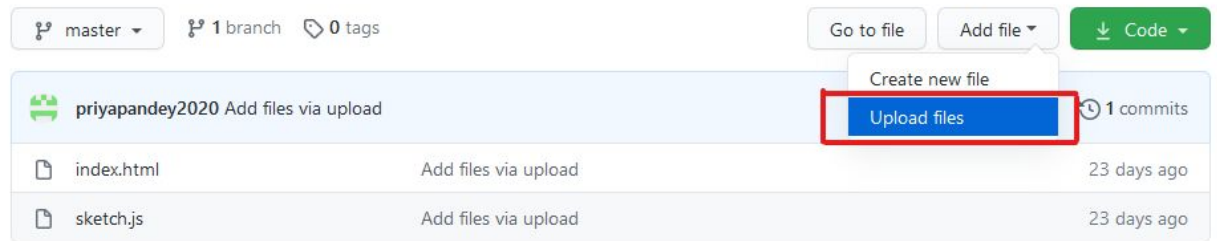
Reuploading Files

To update your code for the website you can upload files again to the same repository and your website will be updated. The URL will not change.

1. Login to <https://github.com/>
2. Then on the left hand side of the page you will find a list of the projects of yours. So open the project for which you want to update the files

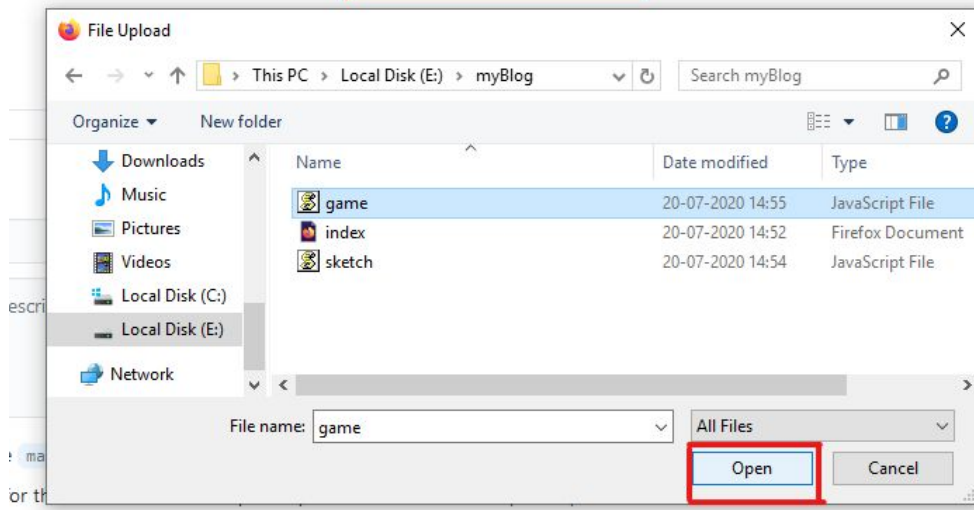


3. Then for uploading files click on Add file option and select upload files option.

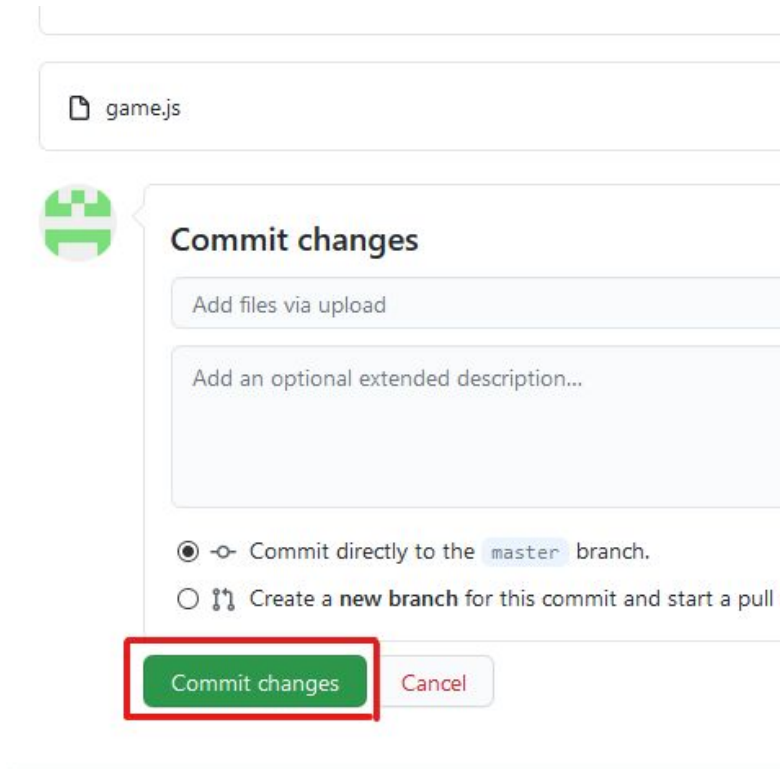


Drag files here to add them to your repository

Or [choose your files](#)



4. After selecting files click on the commit changes button. And then you can see your new files get updated in the existing repository.



game.js

Commit changes

Add files via upload

Add an optional extended description...

☒ Commit directly to the `master` branch.

☐ Create a new branch for this commit and start a pull request

Commit changes Cancel

After you have re-uploaded any files, and when you are checking the output, do a HARD REFRESH OR open the website link in the Incognito tab.

13. If you need to keep an existing website as is, create a new repository and follow from step 1.