

## Publishing your site with GitHub

GitHub is where developers store their code on the web. It is used by professionals, businesses, and has become the standard for where you can build your “developer resume”.

GitHub has a feature called GitHub Pages which makes it very easy to host your own web site in minutes using the code you’ve been working on.

### Using GitHub Pages to host your work from CodePen

This tutorial will show you how to bring your code from CodePen over to GitHub and host it quickly with GitHub pages.

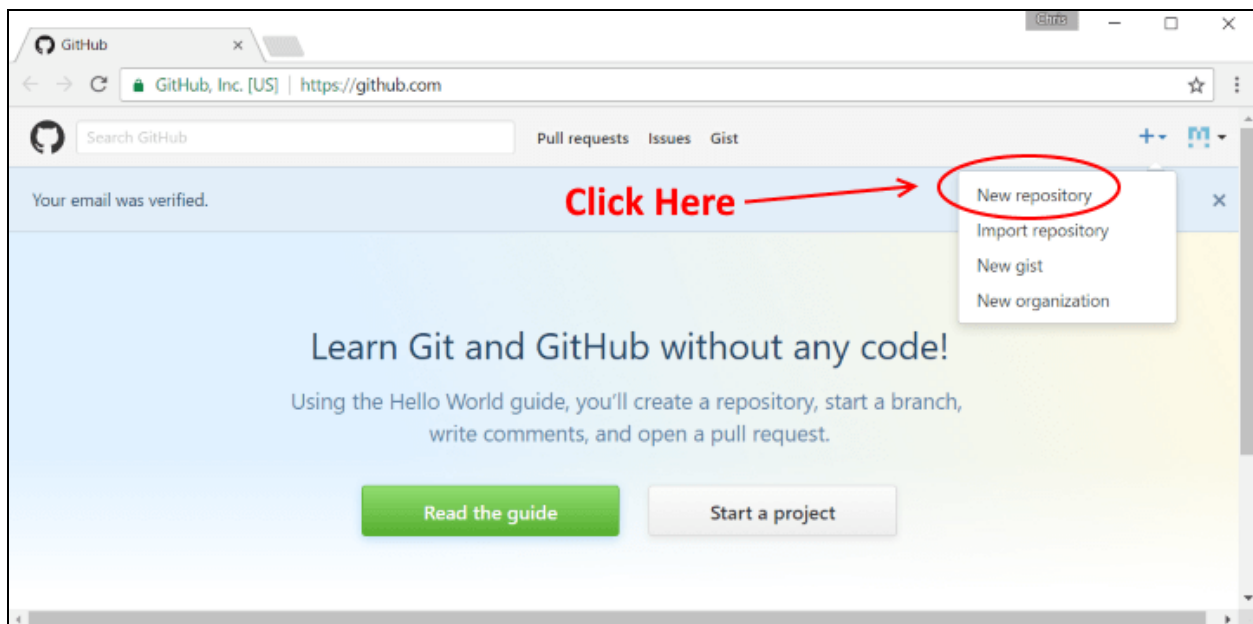
### Make sure you finished signing up for GitHub!

Make sure you fully completed setting up your GitHub account and responded to the welcome email to verify your account or the following steps will not work.

### Activating GitHub Pages

The first step is to create a repository in your GitHub account and to activate GitHub pages. This part of the tutorial will get you started.

When you log into GitHub, it may look like the following if you’ve never created a repository before. If it doesn’t look exactly like this don’t worry. You’re going to click the plus sign that is circled below and select New Repository.



## Naming Your Repository

Normally you can name your code repositories whatever you want, but for this tutorial, follow these instructions:

- Name your new repository in the following form:

*<Your GitHub User Name>.github.io*

- Check the box that will “Initialize this repository with a README.md”

(Trust us on this one, it will make it easier!)

### Create a new repository

A repository contains all the files for your project, including the revision history.

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Owner: just-get-coding Repository name: just-get-coding.github.io ✓

Great repository names are short and memorable. Need inspiration? How about **symmetrical-giggle**.

Description (optional)

---

**Public**  
Anyone can see this repository. You choose who can commit.

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

**Initialize this repository with a README**  
This will let you immediately clone the repository to your computer. Skip this step if you're importing an existing repository.

Add .gitignore: None | Add a license: None ⓘ

---

**Create repository**

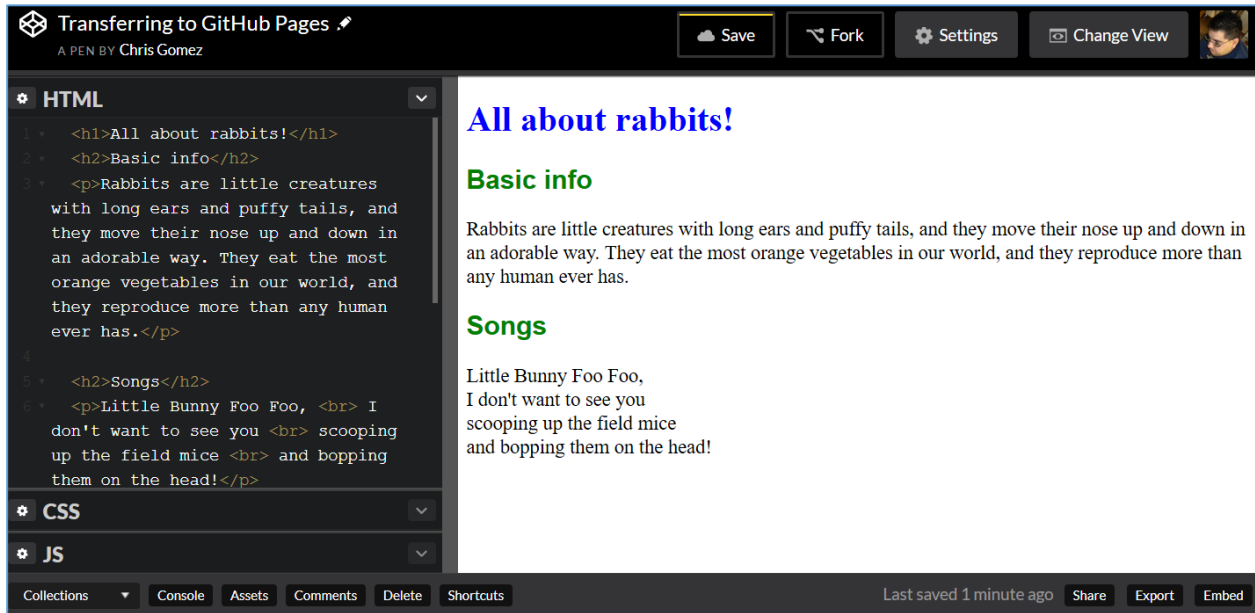
Whoa! What does that mean? Looking at the picture above, you can see the user account is named “just-get-coding”, so I am going to name the repository: *just-get-coding.github.io*

**Click the Create Repository button.**

## Copying your CodePen site into your GitHub repository

Now we're going to copy the work you did in CodePen over to GitHub so that we can turn it into a real web site on the internet!

Here is a simple site I made in CodePen. First let's start by copying the text in the HTML window.



The screenshot shows a CodePen editor for a page titled "Transferring to GitHub Pages" by Chris Gomez. The left pane shows the HTML code:

```
1 <h1>All about rabbits!</h1>
2 <h2>Basic info</h2>
3 <p>Rabbits are little creatures
  with long ears and puffy tails, and
  they move their nose up and down in
  an adorable way. They eat the most
  orange vegetables in our world, and
  they reproduce more than any human
  ever has.</p>
4
5 <h2>Songs</h2>
6 <p>Little Bunny Foo Foo, <br> I
  don't want to see you <br> scooping
  up the field mice <br> and bopping
  them on the head!</p>
```

The right pane shows the rendered preview with the following content:

# All about rabbits!

## Basic info

Rabbits are little creatures with long ears and puffy tails, and they move their nose up and down in an adorable way. They eat the most orange vegetables in our world, and they reproduce more than any human ever has.

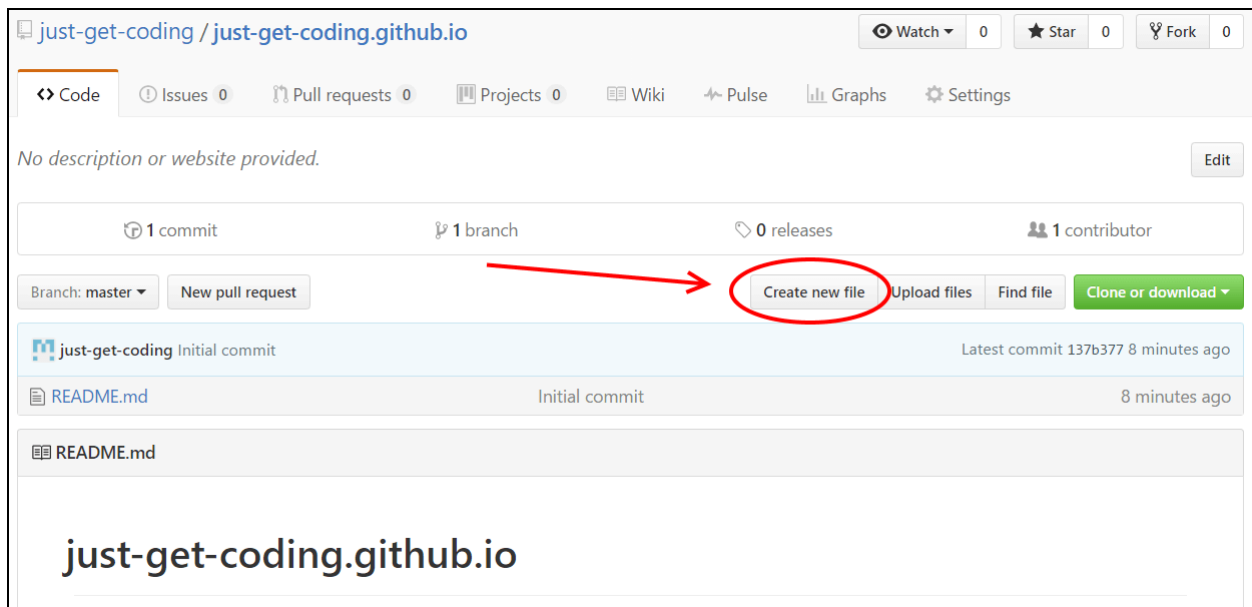
## Songs

Little Bunny Foo Foo,  
I don't want to see you  
scooping up the field mice  
and bopping them on the head!

We need to copy the text in the HTML window to a file called index.html in GitHub. Let's make the file in GitHub.

## Create index.html file in GitHub

Click the **Create new file** button:



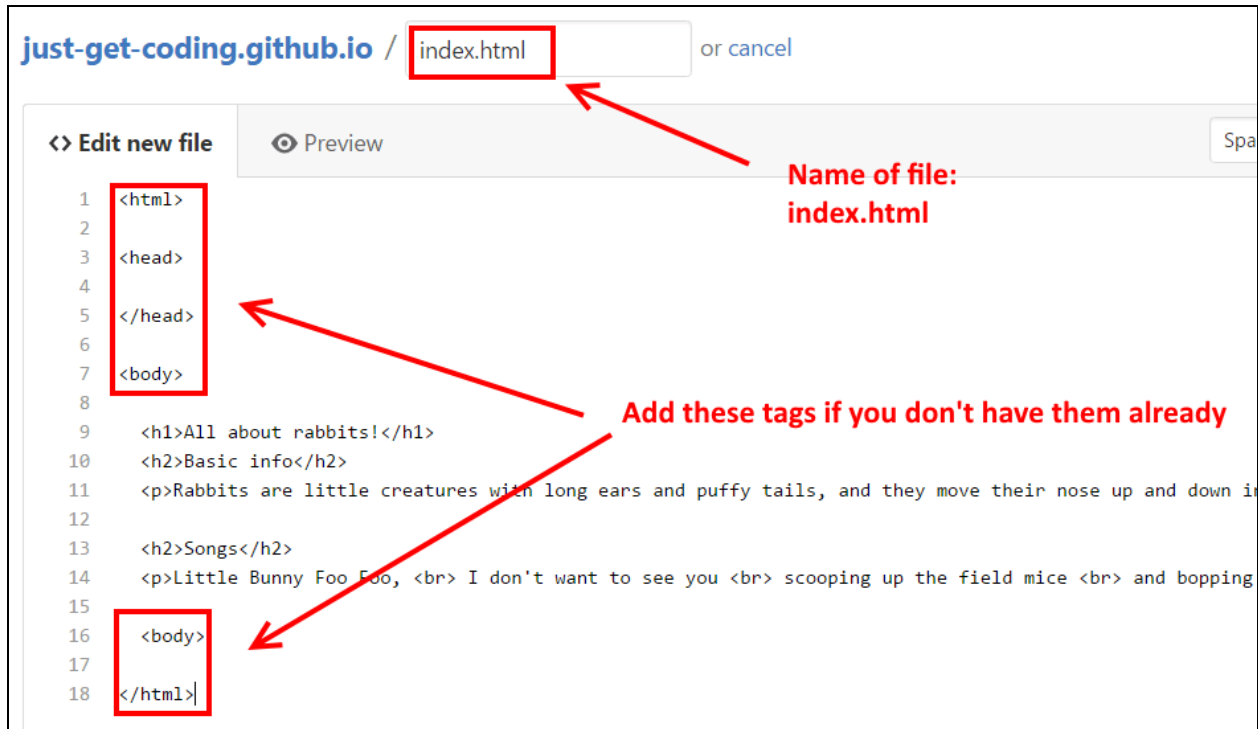
The screenshot shows the GitHub repository page for "just-get-coding / just-get-coding.github.io". The repository has 1 commit, 1 branch, 0 releases, and 1 contributor. The "Create new file" button is circled in red with a red arrow pointing to it. The repository content shows an initial commit with a README.md file. The README content is:

```
just-get-coding.github.io
```

As shown in the screen below, name the file index.html.

Copy in your text from CodePen (ask for help to cut and paste if you don't know how).

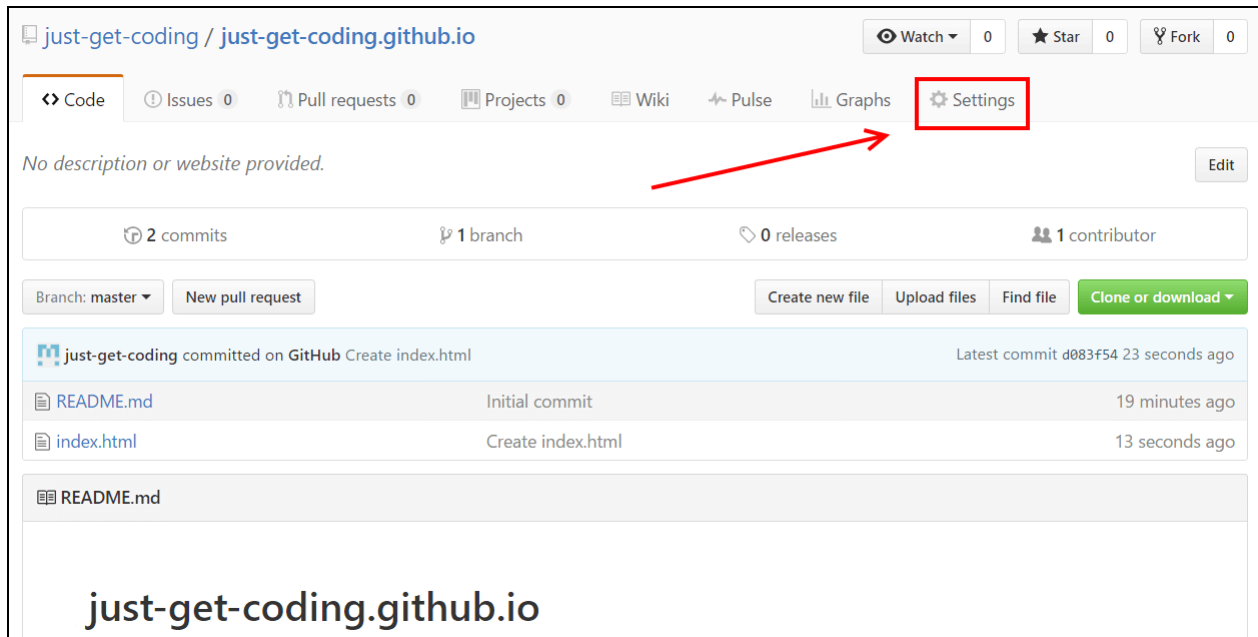
Make sure you have the tags shown below wrapping around your code. CodePen lets you skip this, but a real web site needs these tags.



Scroll down and click the **Commit New File** button.

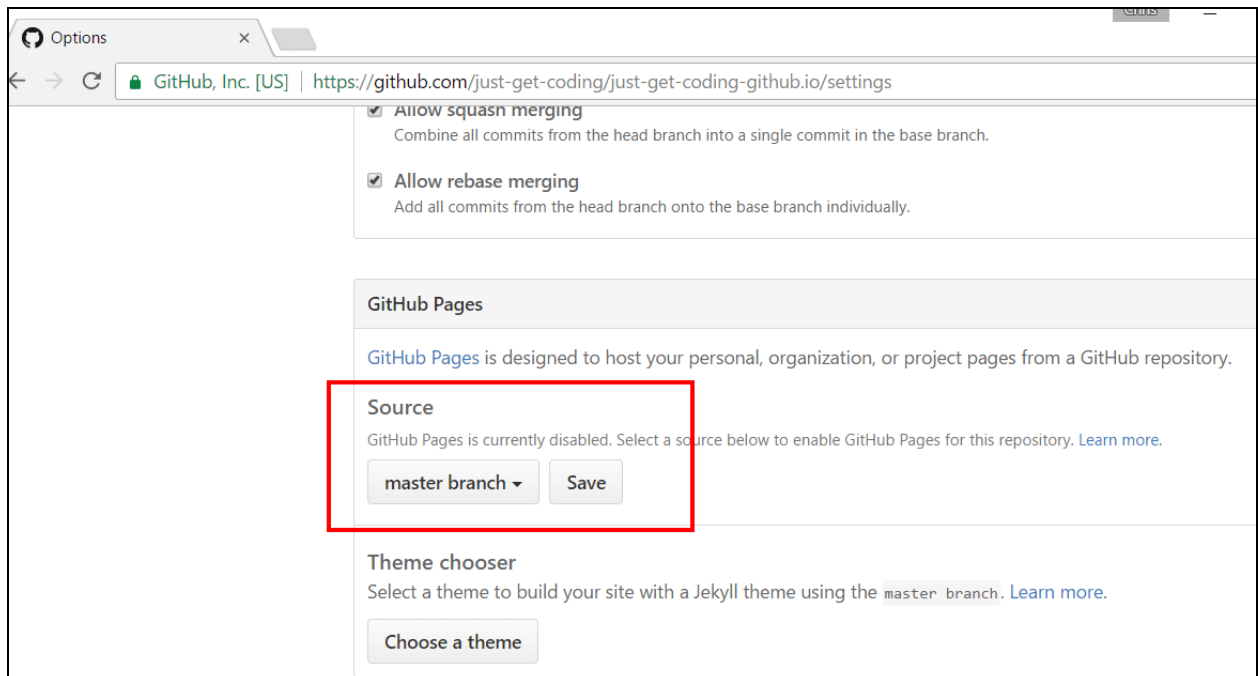
## Activate GitHub Pages

Click the Settings button.



The screenshot shows the GitHub repository page for `just-get-coding / just-get-coding.github.io`. The navigation bar includes links for Code, Issues (0), Pull requests (0), Projects (0), Wiki, Pulse, Graphs, and Settings. The Settings button is highlighted with a red box, and a red arrow points to it from the right. Below the navigation bar, there is a description field with the text "No description or website provided." and an "Edit" button. The repository statistics show 2 commits, 1 branch, 0 releases, and 1 contributor. The commit history shows two commits: "just-get-coding committed on GitHub Create index.html" (latest commit d083f54, 23 seconds ago) and "README.md Initial commit" (19 minutes ago). The file list shows "index.html" (Create index.html, 13 seconds ago) and "README.md". The repository name "just-get-coding.github.io" is displayed at the bottom.

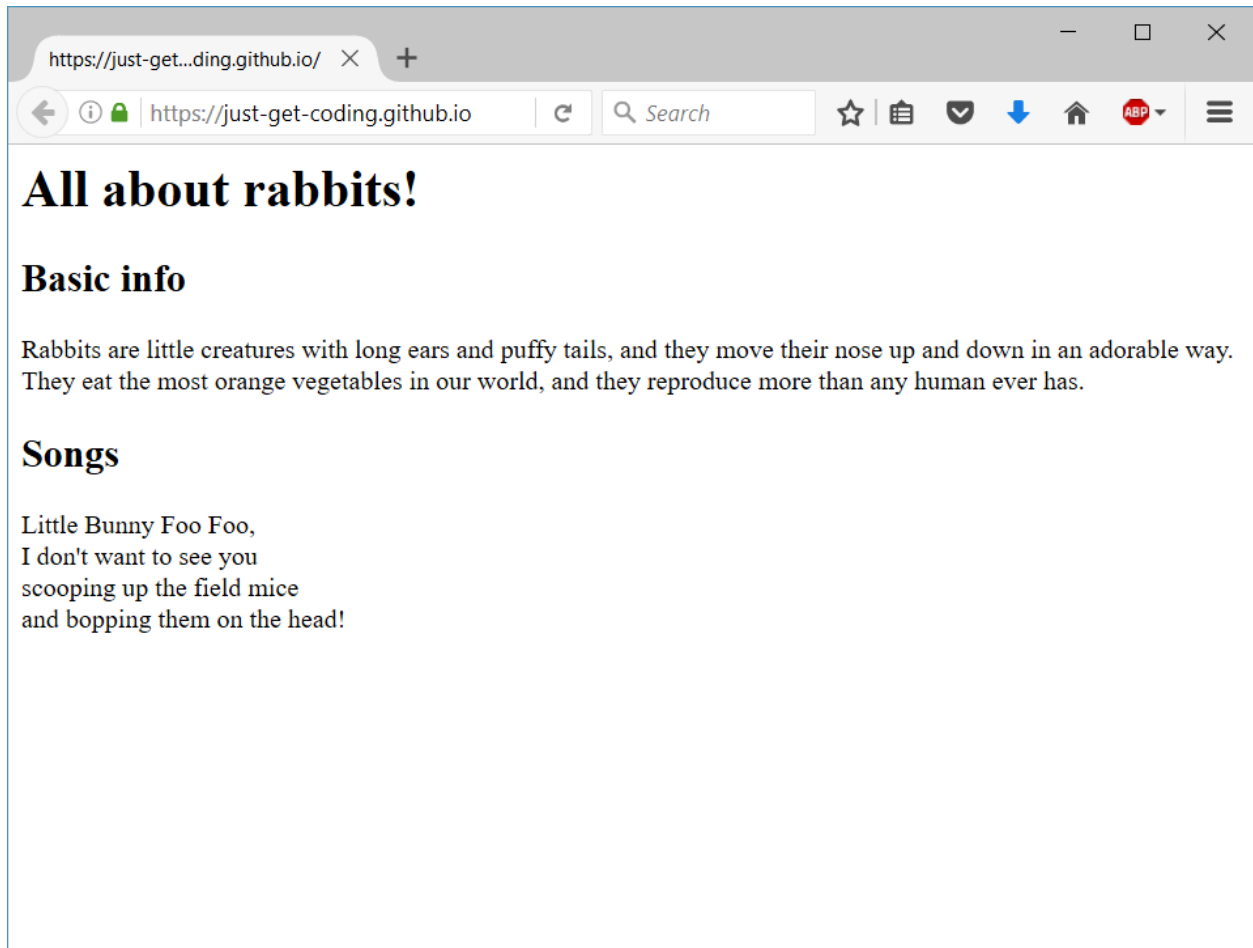
Scroll down and find the GitHub Pages section. Set the Source to master branch. Click Save



The screenshot shows the GitHub repository settings page for `just-get-coding.github.io`. The browser address bar shows the URL `https://github.com/just-get-coding/just-get-coding-github.io/settings`. The page is titled "Options" and contains several sections. The "GitHub Pages" section is highlighted with a red box. It contains the text "GitHub Pages is designed to host your personal, organization, or project pages from a GitHub repository." and "GitHub Pages is currently disabled. Select a source below to enable GitHub Pages for this repository. [Learn more.](#)". The "Source" dropdown menu is set to "master branch" and is highlighted with a red box. The "Save" button is also highlighted with a red box. Below the "GitHub Pages" section is the "Theme chooser" section, which contains the text "Select a theme to build your site with a Jekyll theme using the master branch. [Learn more.](#)" and a "Choose a theme" button.

Your page is live!

Once you've done this, your page is live! Since my repository was **just-get-coding.github.io**, that's the address I'll go to in my browser!



Keep Going!

As you add more files to your GitHub repository, this site will update AUTOMATICALLY. You can change the code you already have and commit new versions of your site as you work on it, and the site will update every time you commit!