**DEPLOY YOUR WEBSITE TO GITHUB PAGES**

**Create A GitHub Account**

There are many different ways to deploy a website to the public Internet. In this unit, we’ll use [GitHub](https://www.codecademy.com/resources/docs/general/github) Pages to deploy your website.

GitHub Pages is a service offered by GitHub. Specifically, GitHub Pages are public webpages that are hosted and published through GitHub.

Why GitHub Pages? In the last unit, we generated a site using Jekyll. GitHub Pages offers extensive integration and support for Jekyll. By using both, you’ll benefit from:

* Easy setup
* Troubleshooting your site
* Updating and maintaining your site

**Note:** Remember, it is possible to follow all of the steps outlined in this course with your *own* content — just make sure that your HTML is inside of a file called **index.html** (a GitHub Pages requirement).

**Instructions**

To succesfully deploy your site, you will need a GitHub account.

In your own browser:

1. Start a new tab
2. Navigate to <https://github.com/>
3. Create an account

If you already have GitHub account, continue to the next exercise.

After signing up, be sure to verify your e-mail address.

**Note:** The content to the right is a video. You can play the video if you’d like to view a demonstration of the instructions. You’ll come across more videos like this throughout the rest of the course.

**Initialize Your Repo**

Great! Now that you’ve created a repo with the proper naming convention, let’s upload your site to [GitHub](https://www.codecademy.com/resources/docs/general/github).

We’ll use Git to push (upload) the contents of your site’s directory to your new repo.

To do so, we’ll first initalize a Git repository in your site’s directory.

**Instructions**

Checkpoint 1 Passed

**1.**

In the terminal to the right, open a new tab.

Then, use the cd command to navigate to your site’s directory.

Hint

If you don’t see your site’s directory (personal-website) in the current directory that you made in the previous lesson, don’t worry! It may have disappeared if you reset the exercise at some point. You can recreate it with mkdir personal-website. Then, use the cd command to enter that directory and run the git init command to continue.

Checkpoint 2 Passed

**2.**

Now that you’re inside of your site’s directory, initialize a Git repository with the following command:

git init