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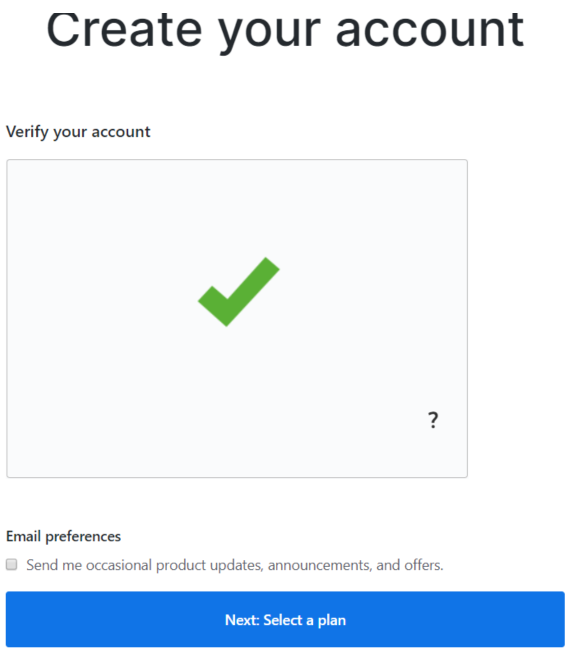
This guide will show you the steps to create an account on GitHub, and how to copy your files there so they can be seen publicly and be web pages

# 1 Creating your GitHub account

Follow each of these steps, using your university email and a username that you can tell is associated with your real name.

1) Go to [https://github.com/](https://github.com/) - signup using your university email. Take a note of your Username
2) You will need to verify you are human, and then click next to select a plan



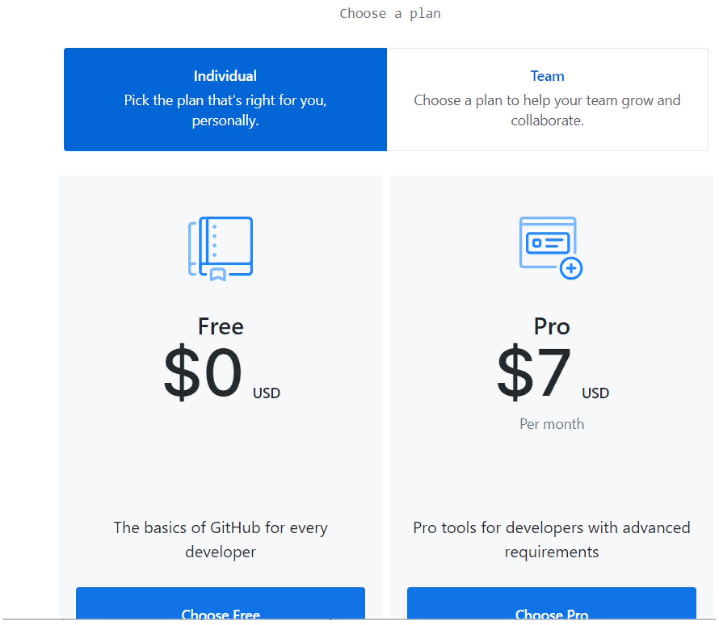
Create your account

Verify your account

Email preferences

☐ Send me occasional product updates, announcements, and offers.

3) Choose an individual free plan



Choose a plan

**Individual**
Pick the plan that's right for you, personally.

**Team**
Choose a plan to help your team grow and collaborate.

Free
$0 USD

The basics of GitHub for every developer

Pro
$7 USD
Per month

Pro tools for developers with advanced requirements

4) You can answer the questions on the next page or skip this step

5) You will then have to verify the email sent to your account to finish setting up the account

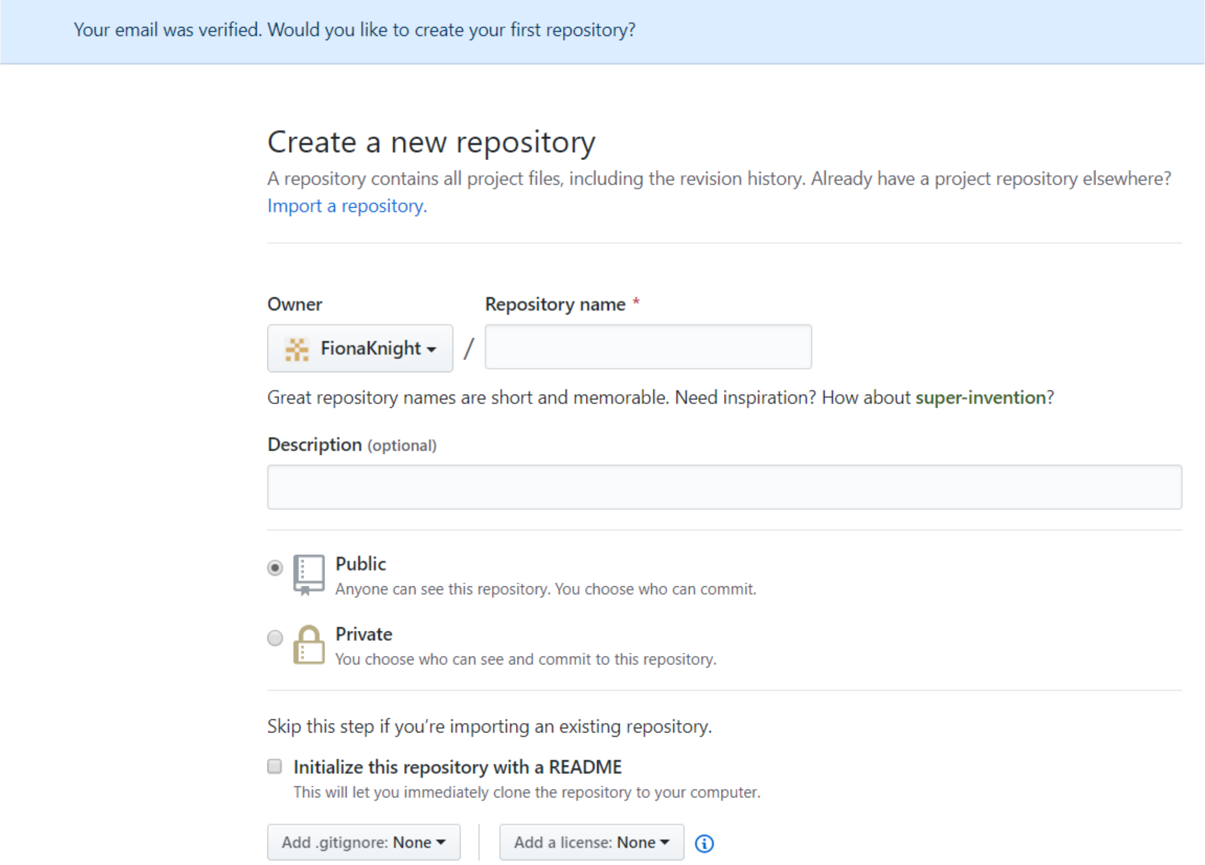
## 2 Creating a repository

A repository is where you will store your web pages – think of it like a web application folder. You will need to create a new repository for each web application you build. For example, you may have one for each task in a tutorial and one for your assignment.

Make sure you name the repository with NO SPACES, so it makes sense for what you are using it for.

In this tutorial, I will show you for the repository for the assignment.

1) When you first get onto GitHub after having verified your email, you will get a page like this



Your email was verified. Would you like to create your first 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: FionaKnight / Repository name *

Great repository names are short and memorable. Need inspiration? How about super-invention?

Description (optional)

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

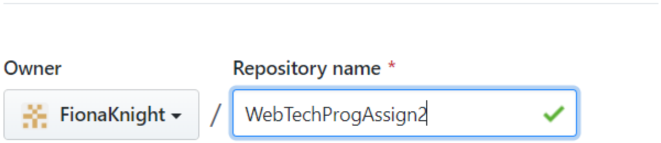
○ Private
You choose who can see and commit to this repository.

Skip this step if you're importing an existing repository.

□ Initialize this repository with a README
This will let you immediately clone the repository to your computer.

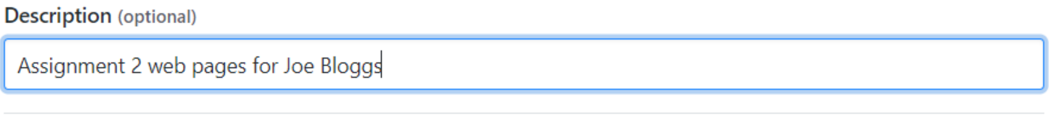
Add .gitignore: None | Add a license: None

2) Add the repository name for the project you are doing



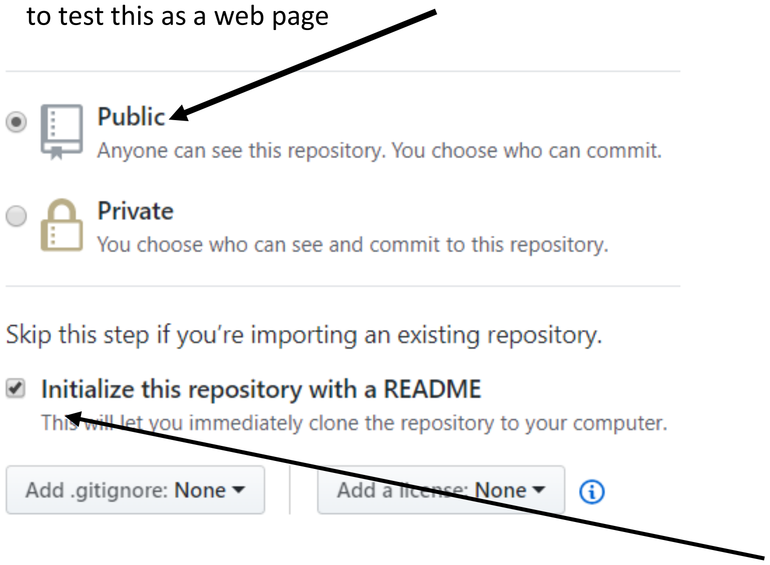
Owner: FionaKnight / Repository name *: WebTechProgAssign2

3) Add a description to help you and your tutor with your name and what the task is



Description (optional): Assignment 2 web pages for Joe Bloggs

4) If you are submitting work, or want tutors to see your work, you need to make the repository public. If you are just storing files you are working on, this should be private. As this is an assignment I would be submitting, I am making this public. This will also allow me to test this as a web page



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

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

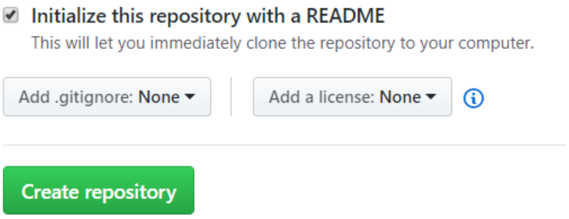
Skip this step if you're importing an existing repository.

☑ Initialize this repository with a README
This will let you immediately clone the repository to your computer.

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

5) Make sure you tick the initialize this repository with a README

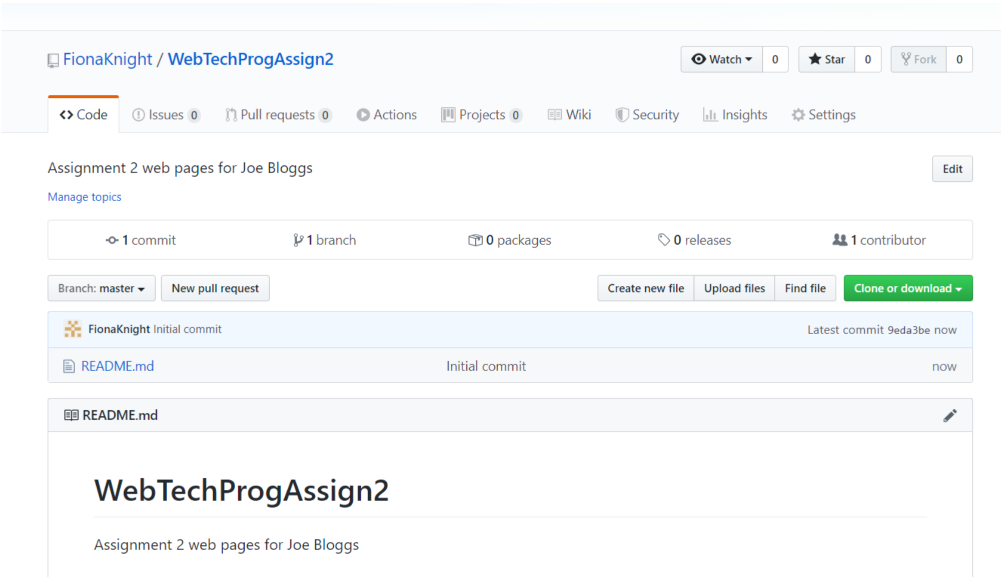
6) When you have checked you have both these things, click Create Repository



☑ Initialize this repository with a README
This will let you immediately clone the repository to your computer.

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

7) You should see something like this



FionaKnight / WebTechProgAssign2

Assignment 2 web pages for Joe Bloggs

1 commit | 1 branch | 0 packages | 0 releases | 1 contributor

FionaKnight Initial commit — Latest commit 9eda3be now

README.md — Initial commit — now

README.md

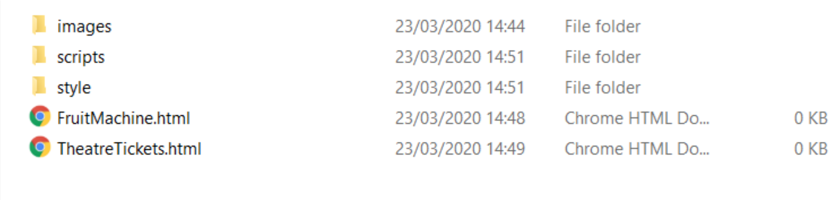
WebTechProgAssign2

Assignment 2 web pages for Joe Bloggs

## 3 Adding Files to the repository

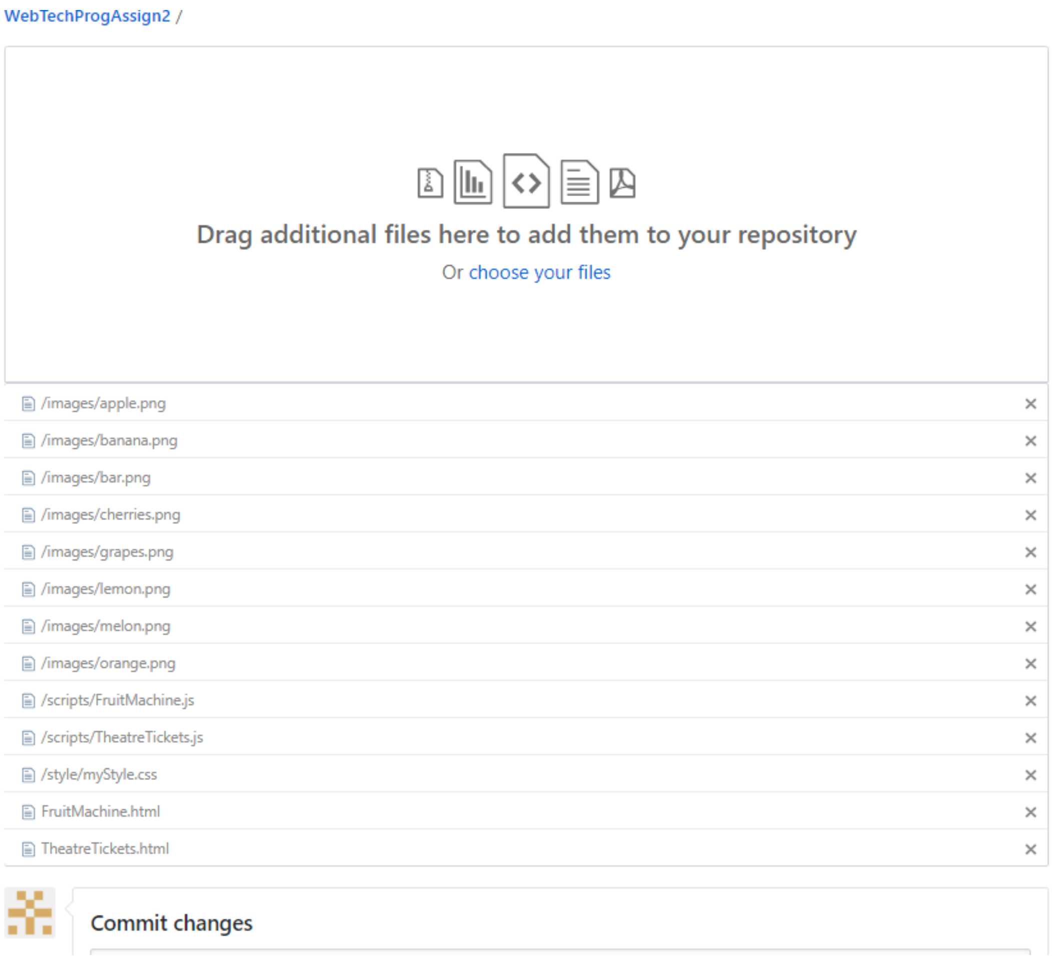
When your repository is created you can add the files to it.

1) Create a flder for your web application. In that create a folder for your images, your stylesheets and a folder for your scripts. You can also add your web pages to this folder. This should look something like this for your assignment



| | | | |
|---|---|---|---|
| images | 23/03/2020 14:44 | File folder | |
| scripts | 23/03/2020 14:51 | File folder | |
| style | 23/03/2020 14:51 | File folder | |
| FruitMachine.html | 23/03/2020 14:48 | Chrome HTML Do... | 0 KB |
| TheatreTickets.html | 23/03/2020 14:49 | Chrome HTML Do... | 0 KB |

2) Highlight all the files, including the images, style and scripts folders, and drag these to your repository on the browser. It should change to something that says drop to upload your files
3) When you drop them you should get something like this



WebTechProgAssign2 /

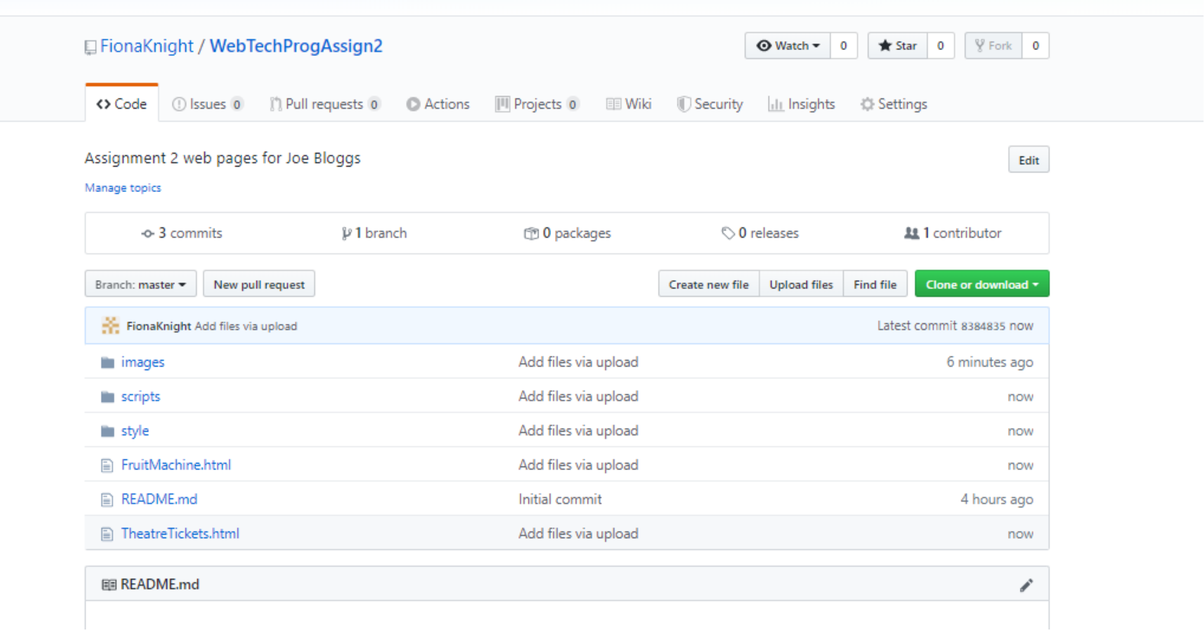
Drag additional files here to add them to your repository

Or choose your files

- /images/apple.png ×
- /images/banana.png ×
- /images/bar.png ×
- /images/cherries.png ×
- /images/grapes.png ×
- /images/lemon.png ×
- /images/melon.png ×
- /images/orange.png ×
- /scripts/FruitMachine.js ×
- /scripts/TheatreTickets.js ×
- /style/myStyle.css ×
- FruitMachine.html ×
- TheatreTickets.html ×

Commit changes

4) If you can see all the files you want, click Commit Changes, and the files should be processed, and you should se something like this



Assignment 2 web pages for Joe Bloggs

3 commits | 1 branch | 0 packages | 0 releases | 1 contributor

FionaKnight Add files via upload — Latest commit 8384835 now

| | | |
|---|---|---|
| images | Add files via upload | 6 minutes ago |
| scripts | Add files via upload | now |
| style | Add files via upload | now |
| FruitMachine.html | Add files via upload | now |
| README.md | Initial commit | 4 hours ago |
| TheatreTickets.html | Add files via upload | now |

README.md

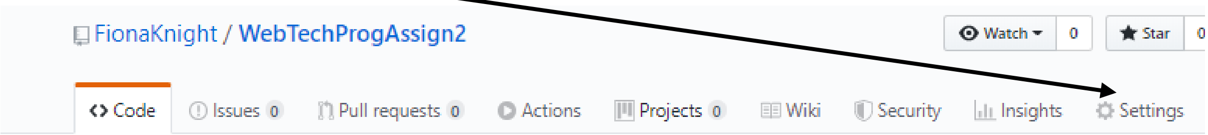
## 4 Changing your files

When you change your files locally, you can just drag them up again and commit the changes again. That will overwrite what you had there before

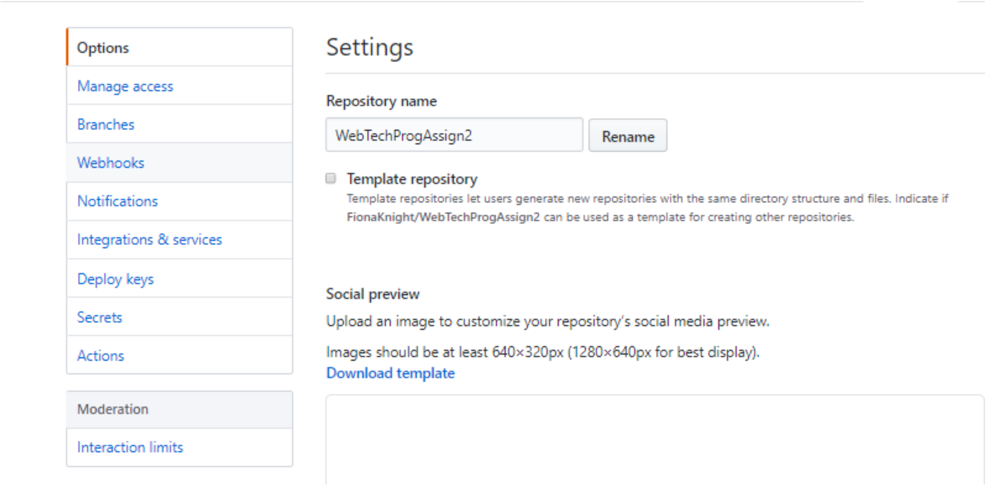
# 5 Making this act as a web site

You must do one more step to give you these files as a web site

1) On your github, click settings



2) This will give you something like this



Settings

Repository name

WebTechProgAssign2

□ Template repository

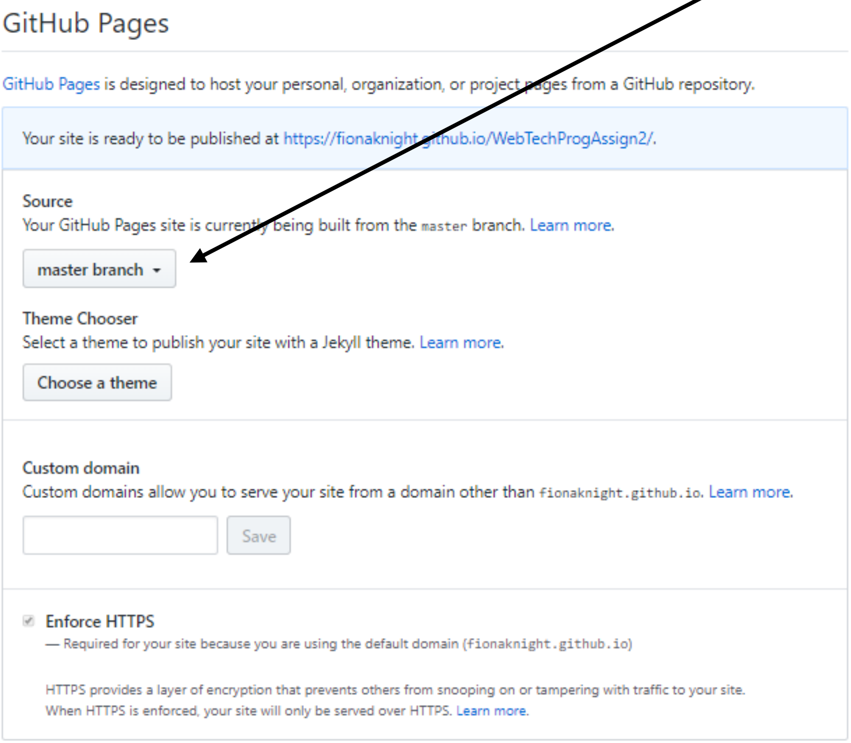
Template repositories let users generate new repositories with the same directory structure and files. Indicate if FionaKnight/WebTechProgAssign2 can be used as a template for creating other repositories.

Social preview

Upload an image to customize your repository's social media preview.

Images should be at least 640×320px (1280×640px for best display).

3) Scroll down this until you see GitHub Pages and change the source drop down 'None' to 'master branch' This should now look like this



GitHub Pages

GitHub Pages is designed to host your personal, organization, or project pages from a GitHub repository.

Your site is ready to be published at https://fionaknight.github.io/WebTechProgAssign2/.

Source

Your GitHub Pages site is currently being built from the `master` branch. Learn more.

Theme Chooser

Select a theme to publish your site with a Jekyll theme. Learn more.

Custom domain

Custom domains allow you to serve your site from a domain other than `fionaknight.github.io`. Learn more.

☑ Enforce HTTPS

— Required for your site because you are using the default domain (`fionaknight.github.io`)

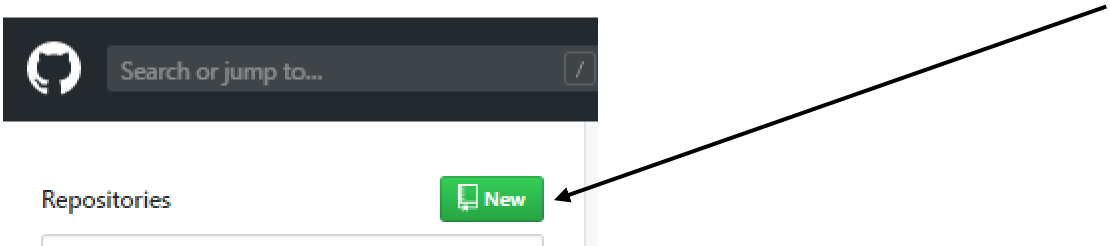
HTTPS provides a layer of encryption that prevents others from snooping on or tampering with traffic to your site. When HTTPS is enforced, your site will only be served over HTTPS. Learn more.

4) You can now copy the URL of your site adding on the page at the end – like https://fionaknight.github.io/WebTechProgAssign2/FruitMachine.html

5) You can use this URL to test your pages.

## 6 Creating another repository for a different site

1) If you go back to GitHub, you will see a button in the top left hand corner as shown below



2) Clicking this will allow you to create another repository to hold a different web site – follow the steps in section 2