Make a zoo website

Get started
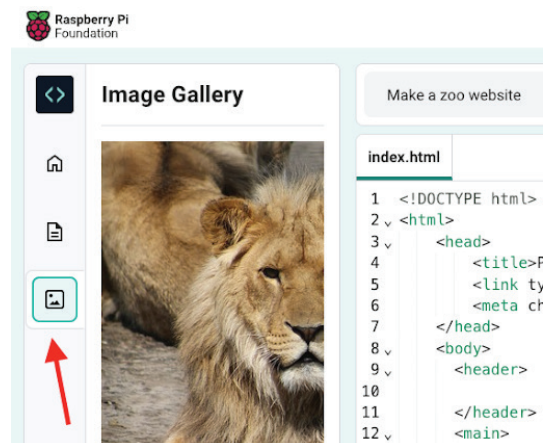
1 Go to the starter 'Make a zoo website' project in the Raspberry Pi Foundation's Code Editor here: **rpf.io/make-zoo**. When you run the code, you will see a website in the right **preview pane**, and on the left you will see the code that makes the website.

2 In the **code pane**, go to the tab `styles.css`. Look for the properties `color` and `background-color`. Change the values to colours that you like and see what happens. Find a list of the names of the colours you can use here: **rpf.io/web-colors**.

Add a picture

1 For this step you'll choose a picture of a zoo animal that you like. We have some images of zoo animals already added to this starter project. To include an image on a webpage, you need to know the file name.

2 We've added some images of zoo animals already to the **Image Gallery**. You can find them by clicking on the image icon to the left of the code pane. Images include:

- A koala with the file name `koala.jpg`
- An eagle with the file name `eagle.jpg`
- A snake with the file name `snake.jpg`
- A tiger with the file name `tiger.jpg`
- Lions with the file name `lions.jpg`

3 Click on the `index.html` tab, and add the following line of code on a new line after the last `</p>` tag. Change `lions.jpg` to the file name of your chosen picture. It must match the file name exactly. The picture should appear on your page.

```
<img src="lions.jpg" />
```

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4 If you want to change the size of your picture, go to **styles.css**, which you can get to by clicking on the document icon on the left, and then clicking on **styles.css**. It will open as a tab beside **index.html**. Then find this code:
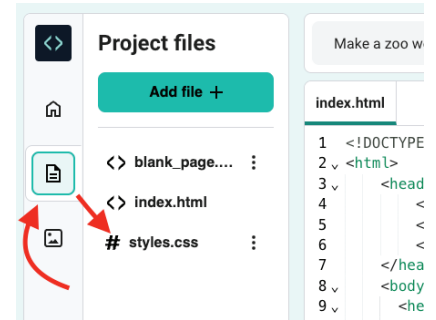
```
img {
width: 200px;
```

Change the number after **width**, making sure not to delete the **px** after the number.
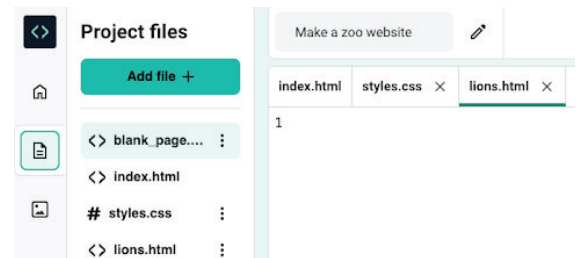
Create a new page

1 Click on the **document icon** on the left, then click on the **Add file +** button. When you are prompted type in the name of your new page, for example **lion.html**, where it says "Name your file". You can name the file anything you like based on the type of animal you have, but be sure the file name ends in **.html**, as this is what makes it a **webpage**.

2 Go to the project files on the left by clicking on the document icon. Click on the file called **blank_page.html**. There you'll see all the code you need for a blank page. Copy that into the new page you just created.

3 To add a paragraph of text, click in the blank space between the **<main></main>** tags and type **<p></p>**. Type your text in between the tags, like this:

```
<p>This page is all about lions!!!!</p>.
```

You can add as many paragraphs like this as you want.

Try adding some pictures on this page too!

Make a link

Go back to the **index.html** tab. Find your image code and put it in between a pair of **<a>** tags like this:

```
<a href="lion.html"><img src="lions.jpg" /></a>
```

Change **lion.html** to the name of the new page you created, if different. You just turned your picture into a link. You should be able to click on the picture now to see the page about that animal. Repeat these steps as many times as you like to fill your zoo with animals!

To learn how to do more with your website and earn yourself a digital badge, visit **rpf.io/web-intro** and try the 'Introduction to web: HTML, CSS, and animations' project path! To see this card online or print out more, go to **rpf.io/html-zoo**.

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