

## Introduction

In this project, you'll learn how to use HTML and CSS to create a multi-page magazine website with a two page layout. You'll also revisit lots of HTML and CSS techniques from other projects.



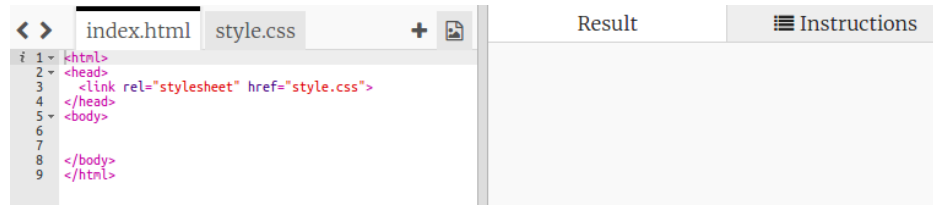
## Step 1: Heading and Background

Magazine-style websites often have lots of small items on a page. First you're going to create a heading and background for your magazine.

### ✓ Activity Checklist

- ☐ Open this trinket: [jump.to/cc/web-magazine](https://jump.to/cc/web-magazine).

The project should look like this:



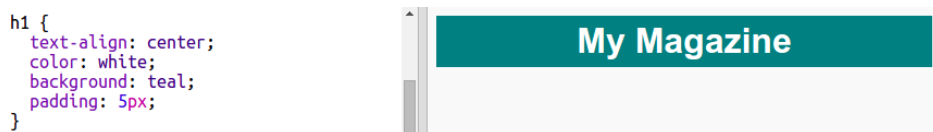
- ☐ Let's add a heading.

You can think of a better title for your magazine.



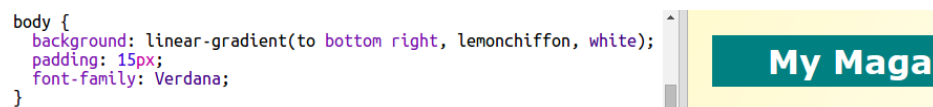
- ☐ Can you style the heading?

Here's an example, but you can choose your own style:



- ☐ Now let's create an interesting background using a gradient and choose a font for the magazine.

Here's some example style as a reminder of how to create a gradient:



[Save Your Project](#)

## Step 2: Creating Columns

Websites often use multiple columns. Let's create a two column layout for your magazine.

## ✓ Activity Checklist

- ☐ First create two column `div` s.

Add the highlighted HTML to `index.html` :

```
<h1>My Magazine</h1>
```

```
<div class="column1">
```

```
</div>
```

```
<div class="column2">
```

```
</div>
```

- ☐ Now style the column divs so that one floats to the left and the other floats to the right.

```
.column1 {  
  width: 48%;  
  float: left;  
}  
  
.column2 {  
  width: 48%;  
  float: right;  
}
```



Each column is less than 50% so there's room for padding.

You'll need to add something to a column to see the effect.

- ☐ Let's add a kitten picture to the top of column 2.

```
<div class="column2">  
    
</div>  
  
</body>  
</html>
```



Notice that the kitten image is positioned about half-way across the page, in the second column.

It's a bit big though!

- ☐ Let's use `max-width:` to make images fit within their container.

Add the following style to `style.css`.

```
img {  
  max-width: 100%;  
}
```



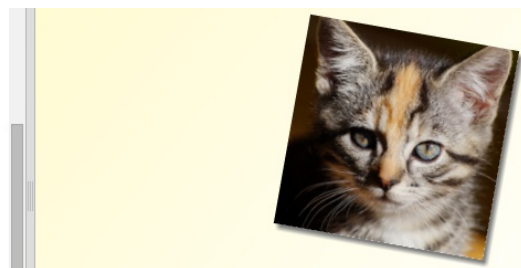
This will apply to all images you use in your magazine, not just the kitten.

- ☐ Now add a class `photo` to the image so that you can style it:

```
<div class="column2">  
    
</div>
```

- ☐ And style the image to add a shadow and a twist to make the photo pop out of the page:

```
.photo {  
  box-shadow: 4px 4px 4px gray;  
  transform: rotate(10deg);  
}
```



Make some changes until you like the result.

## Step 3: Style magazine items

Let's make the layout a bit more interesting.

### ✓ Activity Checklist



Add a `div` around your image with a `class` and add a `h2` heading:

```
<div class="column2">
  <div class="item">
    <h2>Cute Kitten!</h2>
    
  </div>
</div>
</body>
</html>
```

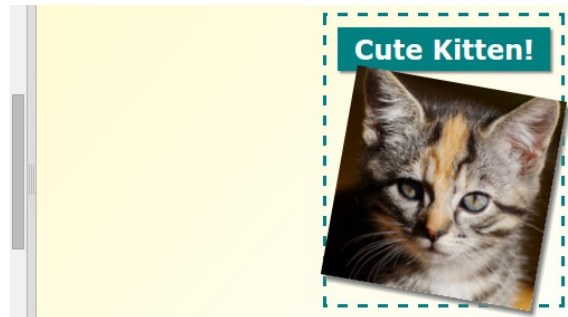


Now style the item and heading.

Here's an example, but you can make changes:

```
h2 {
  color: white;
  background: teal;
  padding: 5px;
  margin: 0px 0px 10px 0px;
  box-shadow: 2px 2px 2px gray;
  text-align: center;
}

.item {
  padding: 10px;
  margin-bottom: 10px;
  border: 3px dashed teal;
}
```



## Save Your Project

### Challenge: Add items to the left column

Can you add a ordered list and a gradient text sticker to the left column?

Here's an example:



This is the code for the example, but you can change it or come up with your own.

HTML:

```
<div class="column1">
  <div class="item">
    <h2>Top 5 Cakes</h2>
    <ol>
      <li>Chocolate Eclair</li>
      <li>Victoria Sponge</li>
      <li>Iced Bun</li>
      <li>Lemon Drizzle</li>
      <li>Jam Doughnut</li>
    </ol>
  </div>
  <div class="item">
    <div class="sticker" id="robots"> I &lt;3 <br>Robots</div>
  </div>
</div>
```

CSS:

```
#robots {
  font-size: 30px;
  color: white;
  background: linear-gradient(green, yellow, orange, red, purple, blue);
  padding: 30px;
  border-radius: 5px;
  text-align: center;
}
```

## Save Your Project

### Step 4: Add a second page

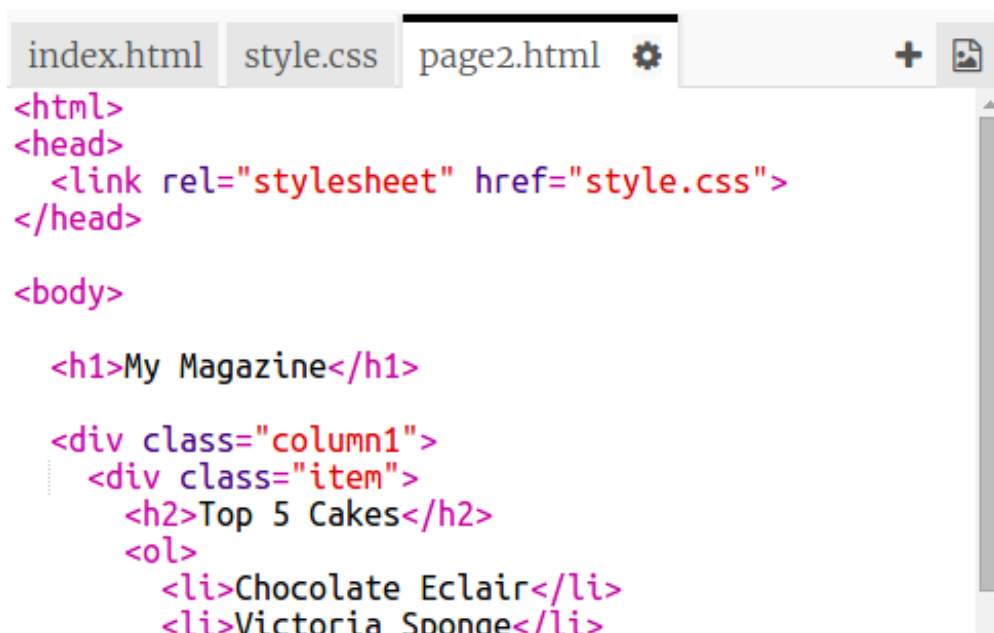
Let's add another page to your magazine website.

#### ✓ Activity Checklist

- ☐ Add a new page to your project and name it `page2.html` :



- ☐ Page 2 will be quite similar to the first page of your magazine so you can copy the html from `index.html` and paste it into `page2.html` .



Notice that both pages use the same `style.css` so they will share styles.

- ☐ Change the `<h1>` title for page2:



```

index.html style.css page2.html
<html>
<head>
  <link rel="stylesheet" href="style.css">
</head>

<body>

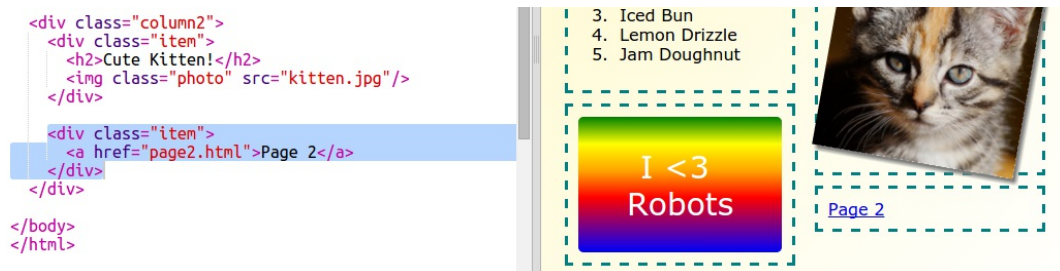
<h1>My Magazine - Page 2</h1>

<div class="column1">
  <div class="item">
    <h2>Top 5 Cakes</h2>

```

- Now you'll need links between your pages so you can get to page 2 and back to the front page.

Go back to `index.html`. Add a link inside a div in column 2 in `index.html`:



- Test that you can click on your new link and move to page 2 of your magazine.

## Challenge: Add a link back to the first page

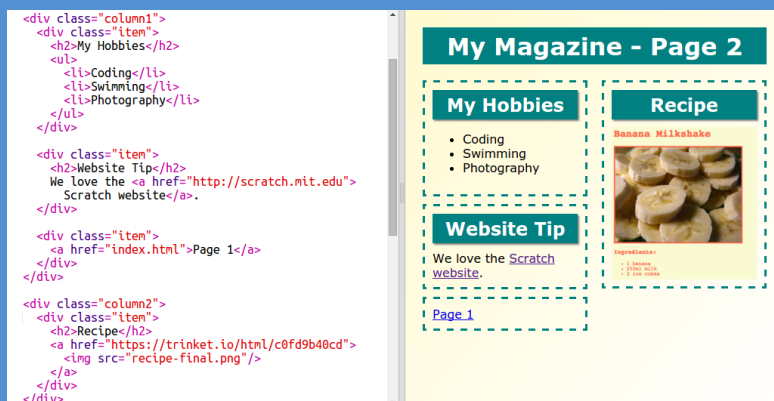
Can you add a link to `page2.html` so that you can click on it to get back to the first page?

Hint: Look at the HTML you used to create a link to page 2.

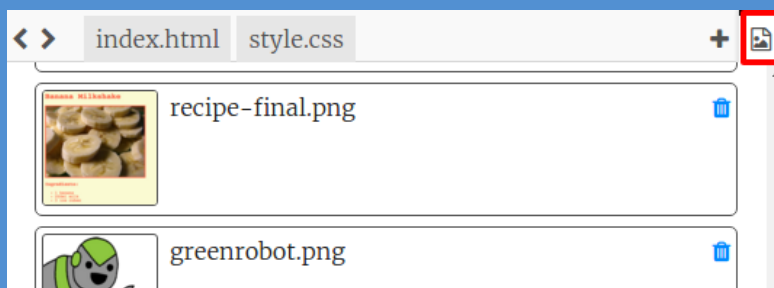


## Challenge: Fill in your second page

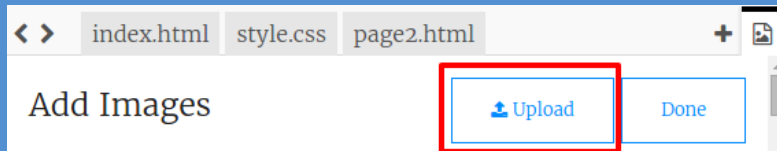
Here's the code for the examples, but you can change the `div`s or come up with your own ideas.



Click the images icon to see the images that are available to use:



Remember that you can upload your own images to use. Make sure you have permission to use any images that you upload.

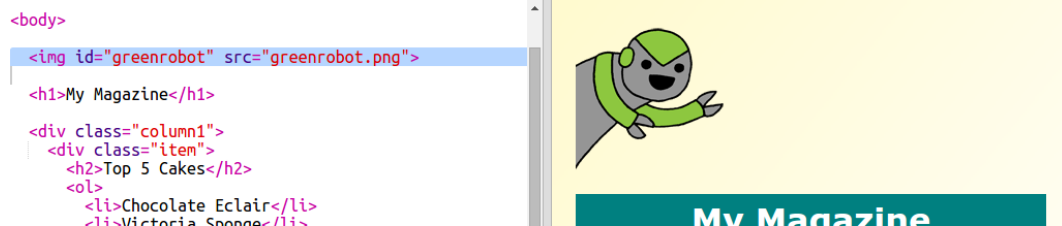


## Step 5: Add an animation

Let's add a fun animation to your magazine.

### ✓ Activity Checklist

- ☐ Go to `index.html` and include the `greenrobot.png` image at the top of your page.



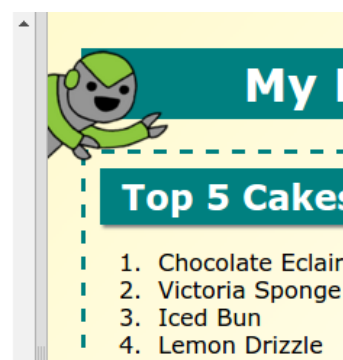
- ☐ Now add the CSS to animate your robot:

```

#greenrobot {
  height: 100px;
  position: absolute;
  left: -200px;
  animation: slide 10s infinite;
}

@keyframes slide {
  0% { left: -200px }
  50% { left: 0 }
  100% { left: -200px }
}

```



Challenge: Add another animation

Can you add an animation to the second page of your magazine?

