

STEP 1: FILL IN YOUR WEBSITE'S INFORMATION

- › Title / What is your website called?
- › Heading / What is your website about?
- › Paragraph / Give a short description

The screenshot shows a web-based code editor interface. At the top, there's a header with a bell icon, the project name "Quokkas by girlslearningcode", a "Save" button, a "Help" link, language selection ("English (US)"), and a "Sign in or Create an account to Save and Publish" button. Below the header, the interface is divided into sections: "FILES" on the left showing "index.html" and "style.css", an "EDITOR" section containing the HTML code for "index.html", and a "PREVIEW" section showing the rendered website. The code in the editor is:

```
1 <!DOCTYPE html>
2 <html>
3 <head>
4   <meta charset="utf-8">
5   <meta name="viewport"
content="width=device-width, initial-
scale=1">
6   <title>Quokka Website</title>
7   <link rel="stylesheet"
href="style.css">
8 </head>
9 <body>
10
11   <h1>All About Quokkas</h1>
12
13   <p>The happiest animal in the world!
</p>
14
15 </body>
16 </html>
```

The preview window shows a black header with the title "All About Quokkas" and a white body containing the text "The happiest animal in the world!".

- Save your project in the top, left corner (e.g. "Quokkas by girlslearningcode")
- Update the website title inside the `<title></title>` tags (e.g. "Quokka Website")
- Change the header in the `<h1></h1>` tags (e.g. "All About Quokkas")
- Add something about your website in the paragraph `<p></p>` tags (e.g. "The happiest animal in the world!")
- Click "Publish" in the top, right corner to save your work

STEP 2: PLAY AROUND WITH HEADINGS

Change `<h1> Heading </h1>` to another number.

For example, `<h2> Heading </h2>`

What happens?

The screenshot shows the Thimble web editor interface. The top bar includes a title 'Quokkas by girlslearningcode', a 'Save' button, a 'Help' link, language selection ('English (US)'), and account information ('Sign in or Create an account to Save and Publish'). The left sidebar shows files 'index.html' and 'style.css'. The main area is split into 'EDITOR - index.html' and 'PREVIEW'. The code editor contains the following HTML:

```
16  What is a Quokka??  
17  </h2>  
18  <p>  
19  The Quokka is a mammal that is in  
the same family as kangaroos and  
wallabies. It looks like a really  
small kangaroo, and is about the same  
size as a house cat. The Quokka is  
known at the "world's happiest animal"  
because it looks like it is smiling!  
20  </p>  
21  <h2>  
22  The Land of Quokkas  
23  </h2>  
24  <p>  
25  Quokkas are native to Australia.  
They can be found on a few small  
islands, including Rottnest Island.  
People travel to this island to see  
these adorable animals and to take  
selfies with them. If you go, make  
sure to use the hashtag #quokkaselfie!  
26  </p>
```

The preview pane shows the rendered content:

All About Quokkas

The happiest animal in the world!

What is a Quokka??

The Quokka is a mammal that is in the same family as kangaroos and wallabies. It looks like a really small kangaroo, and is about the same size as a house cat. The Quokka is known at the "world's happiest animal" because it looks like it is smiling!

The Land of Quokkas

Quokkas are native to Australia. They can be found on a few small islands, including Rottnest Island. People travel to this island to see these adorable animals and to take selfies with them. If you go, make sure to use the hashtag #quokkaselfie!

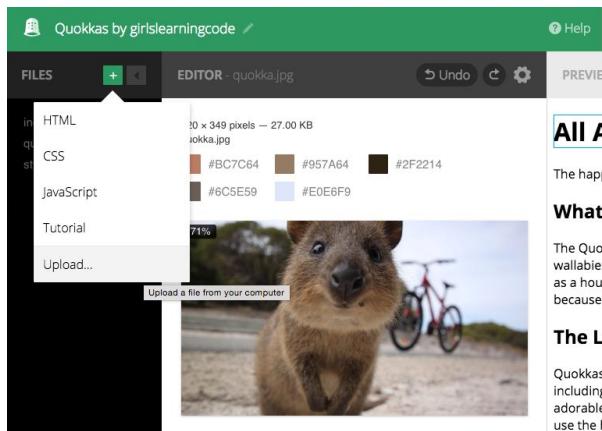
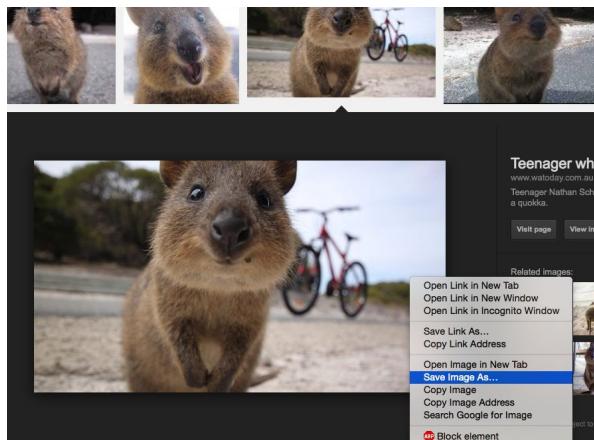
- Add a heading under your first paragraph, using the `<h2></h2>` tag (e.g. "What is a Quokka??")
- Change the number in `<h2></h2>` to another number and see what happens! What is the largest number that Thimble recognizes?
- Put some information under that heading using paragraph `<p></p>` tags
- Create as many headings & paragraphs as you want, for each of the sub-topics you want to include about your topic
- Click "Publish" in the top, right corner to save your work ("Update published version")

STEP 3: ADD AN IMAGE!

- › Download an image from Google (right click > save as)
- › Click on the green “+” in Thimble
- › Select “upload” and find the image on your computer
- › Go back to “index.html” tab and type this in:

```

```



- ❑ Open up Google images in a new tab
- ❑ Search for an image that fits with your website’s topic
- ❑ Once you find an image that you like, right-click on it, select “Save Image As..” and save it to your desktop.
- ❑ Go back to your Thimble project
- ❑ Click on the green + sign, then “Upload” (Your image should appear as a new file in the left-hand tab)
- ❑ Click on the “index.html” tab and type in:
<img src=
Click on your image name in the dropdown
- ❑ Close the tag with:
/>
- ❑ Click “Publish” in the top, right corner to save your work (“Update published version”)

Quokkas by girlslearningcode

FILES + EDITOR - index.html PREVIEW C AUTO

index.html quokka.jpg style.css

```
6 <title>Quokka Website</title>
7 <link rel="stylesheet"
8 href="style.css">
9 </head>
<body>
10
11 <h1>All About Quokkas</h1>
12 <p>The happiest animal in the world!
13 </p>
14 
15
16 <h2>
17   What is a Quokka??
18 </h2>
19 <p>
20   The Quokka is a mammal that is in
   the same family as kangaroos and
   wallabies. It looks like a really
   small kangaroo, and is about the same
   size as a house cat. The Quokka is
   known at the "world's happiest animal"
   because it looks like it is smiling!
21 </p>
```

All About Quokkas

The happiest animal in the world!



What is a Quokka??

The Quokka is a mammal that is in the same family as kangaroos and

ADD-ON: ADD A LINK!

(inside the `<body>` tags)

```
<a href="http://www.google.com"> Click here to go to Google! </a>
```

Looks like

Click here to go to Google!

The screenshot shows a web-based code editor interface. On the left, there's a sidebar labeled 'FILES' containing 'index.html', 'quokka.jpg', and 'style.css'. The main area is titled 'EDITOR - index.html'. The code in the editor is:

```
20      The Quokka is a mammal that is in  
21      the same family as kangaroos and  
22      wallabies. It looks like a really  
23      small kangaroo, and is about the same  
24      size as a house cat. The Quokka is  
25      known at the "world's happiest animal"  
26      because it looks like it is smiling!  
27      </p>  
28      <h2>  
29          The Land of Quokkas  
30      </h2>  
31      <p>  
32          Quokkas are native to <a  
33          href="http://www.australia.com/">Austr  
34          alia</a>. They can be found on a few  
35          small islands, including Rottnest  
36          Island. People travel to this island  
37          to see these adorable animals and to  
38          take selfies with them. If you go,  
39          make sure to use the hashtag  
40          #quokkaselfie!  
41      </p>
```

To the right of the code editor is a 'PREVIEW' window showing a close-up photo of a Quokka. Below the preview, there are sections titled 'What is a Quokka??' and 'The Land of Quokkas' with their respective descriptions.

- ❑ Inside the body of your website, type in:
** Google **
- ❑ Find a website that makes sense with your topic, and replace "<http://www.google.com>" with the website URL, and replace "Google" with the text that you want people to click on to go to this website.
- ❑ Test it out! Sometimes it won't work unless you have "http://" in front of the URL
- ❑ Click "Publish" in the top, right corner to save your work ("Update published version")

ADD-ON: MAKE A LIST

Use unordered lists `` when the order of your items doesn't matter

```
<ul>
  <li> Item </li>
  <li> Item </li>
</ul>
```

- › Item
- › Item

Use ordered lists `` when items need to be in a specific order

```
<ol>
  <li> Item </li>
  <li> Item </li>
</ol>
```

1. Item
2. Item

The screenshot shows the Girls Learning Code editor interface. The top bar includes a bell icon, the title "Quokkas by girlslearningcode", help links, language selection ("English (US)"), user profile ("Hi, girlslearncode"), and a "Publish" button. The left sidebar shows files: "index.html", "quokka.jpg", and "style.css". The main area has tabs for "FILES" and "EDITOR - index.html". The code editor displays the following HTML:

```
26      Quokkas are native to Australia. They can be found on a few small islands, including Rottnest Island. People travel to this island to see these adorable animals and to take selfies with them. If you go, make sure to use the hashtag #quokkaselfie!
27
28
29      <h2>
30          Diet
31      </h2>
32      <ul>
33          <li>Leaves</li>
34          <li>Grass</li>
35          <li>Small plants</li>
36      </ul>
37
38
39
40  </body>
41  </html>
```

The code for the diet section is highlighted. To the right is a preview window showing a close-up photo of a quokka's face, and below it is a summary section.

What is a Quokka??

The Quokka is a mammal that is in the same family as kangaroos and wallabies. It looks like a really small kangaroo, and is about the same size as a house cat. The Quokka is known as the "world's happiest animal" because it looks like it is smiling!

The Land of Quokkas

Quokkas are native to [Australia](#). They can be found on a few small islands, including Rottnest Island. People travel to this island to see these adorable animals and to take selfies with them. If you go, make sure to use the hashtag #quokkaselfie!

Diet

- Leaves
- Grass
- Small plants

- ❑ First decide which list to use. Do the items on your list need to be in a specific order? (e.g. Steps in a recipe, ranking "top 5") If not, use an Unordered List; if YES use an Ordered List.
- ❑ Type the code (above^) inside of your body tags
- ❑ Click "Publish" in the top, right corner to save your work ("Update published version")

BUILD YOUR WEBSITE!

› Ideas

- › About us
- › Example products / profiles
- › Lots of images!
- › Support / How to get involved
- › Links to other resources or similar websites

- Add more headings and paragraphs to your website
- Find some more images to add to your website
- Add as much content as you like!
- Click “Publish” in the top, right corner to save your work (“Update published version”)

STEP 1: CHANGE THE COLOUR

```
p {  
  color: DeepPink;  
}
```

Quokkas by girlslearningcode ↗

Help English (US) Hi, girlslearncode Publish

FILES + < EDITOR - style.css Undo ⚙️ PREVIEW AUTO

index.html
quokka.jpg
style.css

```
1 ▾ body {  
2   font-family: "Open Sans", sans-serif;  
3 }  
4  
5 ▾ h1 {  
6   color: Turquoise;  
7 }  
8
```

All About Quokkas

The happiest animal in the world!



What is a Quokka??

The Quokka is a mammal that is in the same family as kangaroos and



Colors

Colors Background Colors

color: LightPink;	Example
color: Pink;	Example
color: Crimson;	Example
color: LavenderBlush;	Example
color: PaleVioletRed;	Example
color: HotPink;	Example
color: DeepPink;	Example

- ❑ Open up [css.cool](#) in a new tab
- ❑ Go to “Colors” and click on a colour rule (e.g. **color: Pink;**) to copy the code
- ❑ Inside of the style.css tab, create a new style rule and CTRL+V paste the css.cool code inside of the curved {} brackets
- ❑ Click “Publish” in the top, right corner to save your work (“Update published version”)

STEP 2: CHANGE THE FONT

```
h1 {  
    font-family: Verdana, Geneva, sans-serif;  
    font-size: 18px;  
}
```

The screenshot shows a web development interface with a green header bar. The header includes a user icon, the title "Quokkas by girlslearningcode", a help link, language settings (English (US)), a user greeting ("Hi, girlslearncode"), and a "Publish" button.

The left sidebar shows files: index.html, quokka.jpg, and style.css. The main area has tabs for FILES and EDITOR - style.css. The EDITOR tab displays the following CSS code:

```
body {  
    font-family: "Open Sans", sans-serif;  
}  
  
h1 {  
    color: Turquoise;  
}  
  
h2 {  
    font-family: "Courier New", Courier, monospace;  
}
```

The code for h2 is highlighted with a light gray background. To the right, the PREVIEW panel shows a close-up photo of a Quokka with a red bicycle in the background. The title "All About Quokkas" is displayed above the image, with the subtitle "The happiest animal in the world!" below it. A section titled "What is a Quokka?" contains a brief description of the Quokka's characteristics.

- ❑ Open up css.cool in a new tab
- ❑ Go to “Font Families” and click on a font rule (e.g. **font-family: Veranda, Geneva, sans-serif;**) to copy the code
- ❑ Inside of the style.css tab, CTRL+V paste the css.cool code inside of the curved {} brackets of the tag you want to style
- ❑ Click “Publish” in the top, right corner to save your work (“Update published version”)

STEP 3: CHANGE THE BACKGROUND

```
body {  
    background-color: #f5f0f0;  
}
```

OR

```
body {  
    background-image: image.jpeg;  
}
```

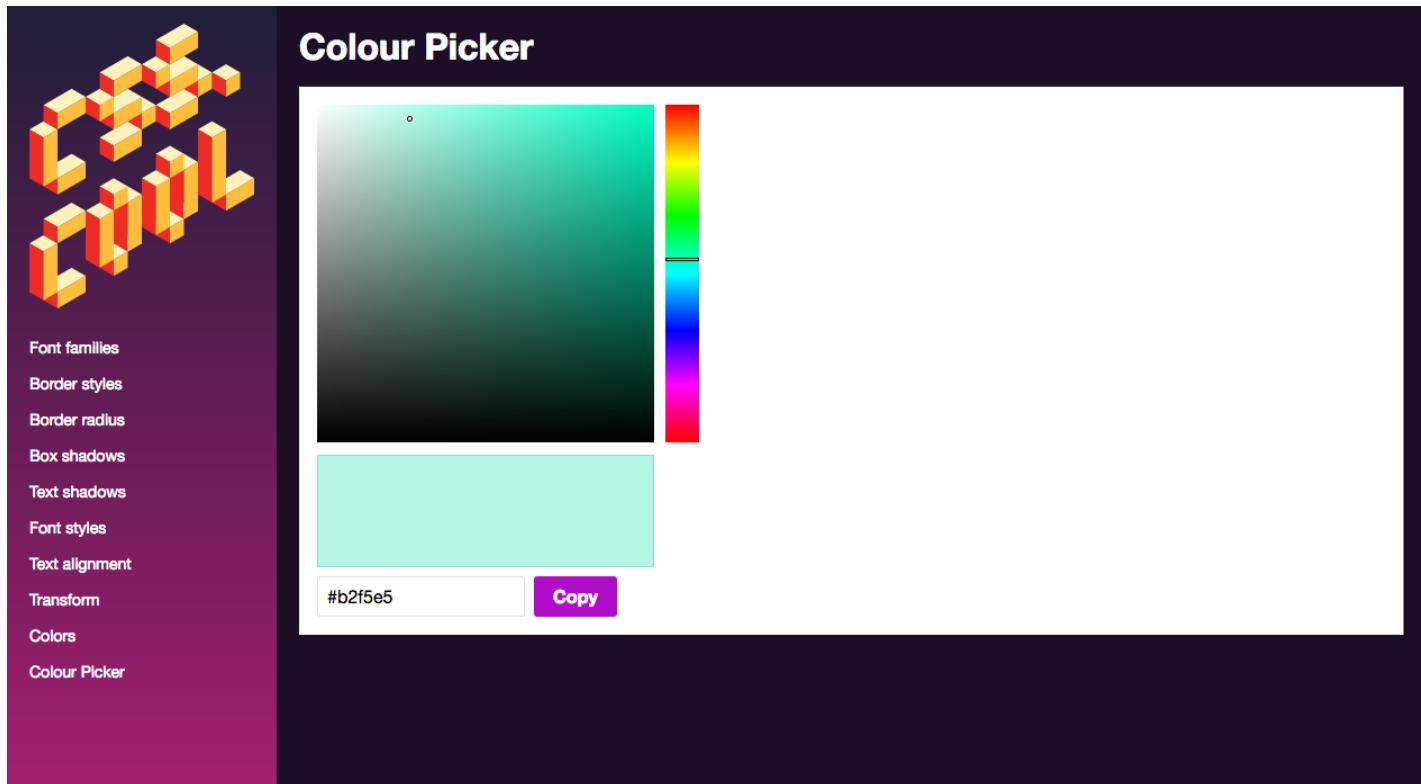
The screenshot shows a web development interface with a green header bar. The header includes a bell icon, the title "Quokkas by girlslearningcode", a "Help" link, "English (US)", a user profile "Hi, girlslearncode", and a "Publish" button. Below the header is a toolbar with "FILES", "EDITOR - style.css", "Undo", "Redo", and "Settings". The "FILES" panel on the left lists "index.html", "quokka.jpg", and "style.css". The "EDITOR" panel displays the following CSS code:

```
1  body {  
2      font-family: "Open Sans", sans-  
3      serif;  
4      background-color:#b2f5e5;  
5  }  
6  h1 {  
7      color: Turquoise;  
8  }  
9  
10 h2 {  
11     font-family: "Courier  
12     New",Courier,monospace;  
13 }
```

To the right is a "PREVIEW" panel showing a website titled "All About Quokkas" with the subtext "The happiest animal in the world!". It features a large image of a quokka and a red bicycle in the background. At the bottom of the preview, there is a section titled "What is a Quokka??" with the text: "The Quokka is a mammal that is in the same family as kangaroos and wallabies. It looks like a really small kangaroo, and is about the same size."

- ❑ Open up css.cool in a new tab
- ❑ Go to "Color Picker," move the selector to a colour that you like, then click "Copy"

- ❑ Inside of the style.css tab, CTRL+V paste the css.cool code where the colour name went before (see above^)
- ❑ If you want an image as the background, follow the steps for adding an image, then type in the code (above^) and replace “image.jpeg” with the name of your image
- ❑ Click “Publish” in the top, right corner to save your work (“Update published version”)



ADD-ON: CHANGE THE IMAGE SIZE

```
img {  
    width: 500px;  
}
```

Quokkas by girlslearningcode

FILES + index.html
quokka.jpg
style.css

EDITOR - style.css

Undo C AUTO

PREVIEW

```
1 ▾ body {  
2     font-family: "Open Sans", sans-  
3     serif;  
4     background-color:#b2f5e5;  
5 }  
6 ▾ h1 {  
7     color: Turquoise;  
8 }  
9  
10 ▾ h2 {  
11     font-family: "Courier  
12     New", Courier, monospace;  
13 }  
14 ▾ img {  
15     width:600px;  
16 }  
17
```

All About Quokkas

The happiest animal in the world!

What is a Quokka??

The Quokka is a mammal that is in the same family as kangaroos and wallabies. It looks like a really small kangaroo, and is about the same size

- ❑ In style.css, create a new style rule for all images, and add the above code^
 - ❑ Try different sizes and see what looks good (e.g. 200px or 800px)
 - ❑ Click “Publish” in the top, right corner to save your work (“Update published version”)

ADD-ON: STYLE ONE SPECIFIC TAG

In index.html

Give the tag a name `class="small"`

```

```

In style.css

Add that name to a new css rule `img.small`

```
img.small {  
    width: 200px;  
    border-radius: 50%;  
}
```

The screenshot shows a web-based code editor interface. On the left, the 'FILES' sidebar lists 'index.html', 'quokka.jpg', 'quokkaselfie.jpg', and 'style.css'. The main area is titled 'EDITOR - index.html' and contains the following HTML code:

```
to see these adorable animals and to  
take selfies with them. If you go,  
make sure to use the hashtag  
#quokkaselfie!  
    </p>  
  
    <h2>  
        Diet  
    </h2>  
    <ul>  
        <li>Leaves</li>  
        <li>Grass</li>  
        <li>Small plants</li>  
    </ul>  
  
    <h3>  
        #QuokkaSelfie  
    </h3>  
      
  
    </body>  
    </html>
```

The code editor has line numbers from 27 to 44 on the left. The preview window on the right shows a smiling man holding a quokka. The preview area includes a 'PREVIEW' button, a status bar with 'AUTO', and a toolbar with icons for zoom and orientation.

Quokkas by girlslearningcode ↗

FILES + ⌛ Undo ⌛ AUTO

EDITOR - style.css

PREVIEW

FILES index.html quokka.jpg quokkaselfie.jpg style.css

```
6  h1 {  
7      color: Turquoise;  
8  }  
9  
10 h2 {  
11     font-family: "Courier  
12     New", Courier, monospace;  
13  }  
14 h3 {  
15     color: darkorchid;  
16  }  
17  
18 img {  
19     width: 600px;  
20  }  
21  
22 img.cool{  
23     width: 500px;  
24     border-radius: 25px;  
25     border: 5px solid plum;  
26  }  
27
```

Diet

- Leaves
- Grass
- Small plants

#QuokkaSelfie



- ❑ In index.html, add a name to the tag that you want to style, using **class="name"** *You can name the tag whatever you want! Try to choose a name that you will remember.
- ❑ In style.css, create a new rule for this tag/name (see above^)
- ❑ Click “Publish” in the top, right corner to save your work (“Update published version”)

ADD-ON: CENTER YOUR CONTENT

In index.html

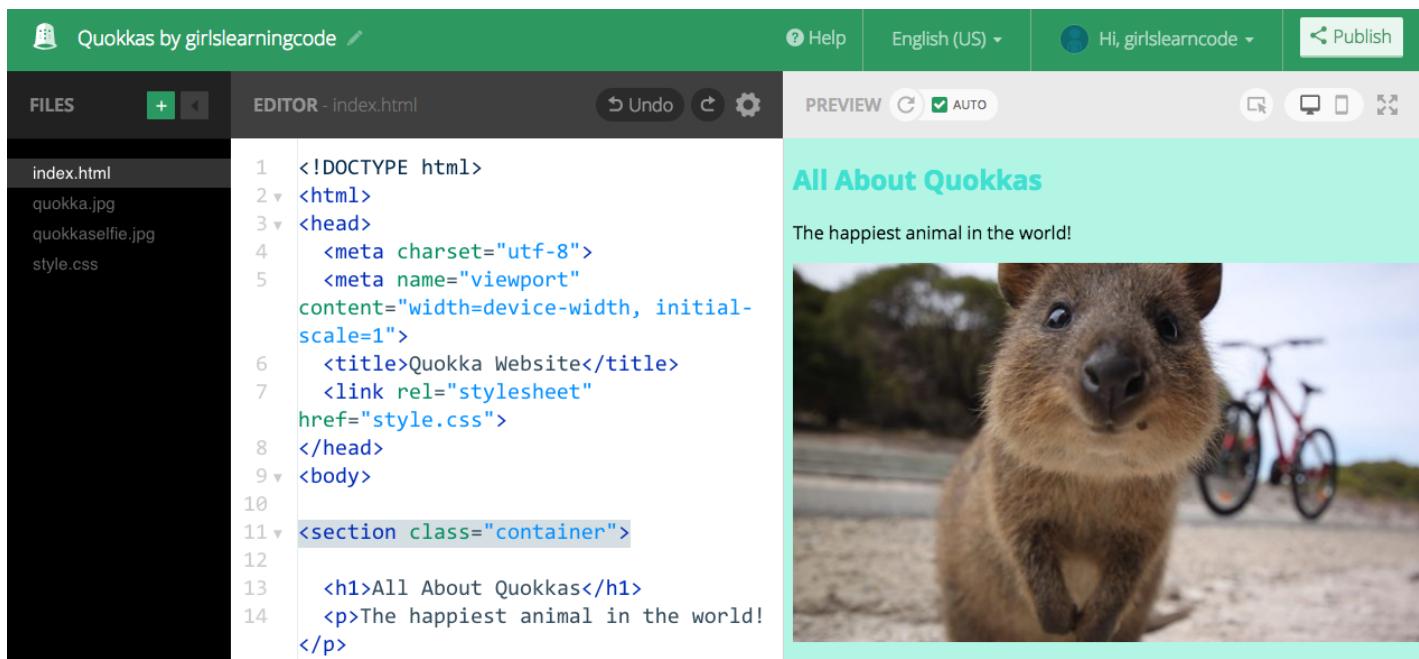
Create `<section>` tags around all of your content and give it a name (whatever you want!) `class="container"`

```
<body>
  <section class="container">
    (all of your content)
  </section>
</body>
```

In style.css

```
section.container {
  width: 800px;
  margin-left: auto;
  margin-right: auto;
}
```

Create a new css rule for this tag. Set the width and give it some space on each side (margins)



The screenshot shows a web-based code editor interface. On the left, the 'FILES' sidebar lists 'index.html', 'quokka.jpg', 'quokkaselfie.jpg', and 'style.css'. The main 'EDITOR - index.html' pane displays the following HTML code:

```
1  <!DOCTYPE html>
2  <html>
3  <head>
4    <meta charset="utf-8">
5    <meta name="viewport"
content="width=device-width, initial-
scale=1">
6    <title>Quokka Website</title>
7    <link rel="stylesheet"
href="style.css">
8  </head>
9  <body>
10 <section class="container">
11   <h1>All About Quokkas</h1>
12   <p>The happiest animal in the world!
13 </p>
14 </section>
15 </body>
16 </html>
```

The 'PREVIEW' tab is active, showing a green header bar with the text 'All About Quokkas' and a sub-header 'The happiest animal in the world!'. Below the header is a large image of a quokka looking directly at the camera. In the background, a red bicycle is visible on a path.

Quokkas by girlslearningcode ↗

FILES + ⌛ Undo ⌛ AUTO

EDITOR - style.css

index.html
quokka.jpg
quokkaselfie.jpg
style.css

```
15 color:darkorchid;
16 }
17
18 v img {
19   width:600px;
20 }
21
22 v img.cool{
23   width: 500px;
24   border-radius: 25px;
25   border: 5px solid plum;
26 }
27
28 v section.container {
29   width:800px;
30   margin-left:auto;
31   margin-right:auto;
32   text-align: center;
33 }
34 }
```

PREVIEW

All About Quokkas
The happiest animal in the world!



What is a Quokka??

- ❑ In index.html, create a <section> tag just inside your <body> tags and give it a name
- ❑ In style.css, create a new rule for this name, and set the width and margins (spacing on the right and left side of the section) as listed above^
- ❑ Optional: Align your content to the middle of the page, using: **text-align:center;**
- ❑ Change the width until you like how it looks (e.g. 700px or 900px)
- ❑ Click “Publish” in the top, right corner to save your work (“Update published version”)