

Welcome

Building a Web Page with HTML

- Using CodePen

2 min
- Try It! Create Your CodePen Account

10 min
- What Is HTML?

7 min
- Metadata and Sectioning Elements

2 min
- Try It! Build a “My Interests” Web Page

40 min
- Discussion Prompt:**
Asking for Help in the Forums

5 min
- Formatting Text and Nesting Tags

1 min
- Try It! Format Text

20 min
- Adding Images and Links

3 min
- Images and Storage

6 min
- Try It! Add Links and Images

30 min
- Lists and Tables

7 min
- Try It! Create Lists and Tables

45 min
- Practice Quiz:**
Using HTML

5 questions

Styling a Web Page with CSS

Review

A PDF copy of this and other exercises can be found in the **Resources** tab.

We hope you are excited to make your own web page on CodePen. Over the course of this week, you will create a “My Interests” web page—sharing information, images, and links about things you enjoy. At the end of the module, you will share your finished web page with your fellow classmates!

After you have created your account and watched our "Using CodePen" lecture, log in to <http://codepen.io> and click “New Pen” at the top of the page to get started.

Begin by giving your Pen a custom name at the top of the Pen, then follow the steps outlined below. Remember to frequently save your work! If you need help remembering how to write out the tags shown in the last video, visit our documentation page, linked in the **Resources** tab.

Add Sectional Elements and Paragraphs

Let’s begin to add some content to the body of your web page. Between your body tags:

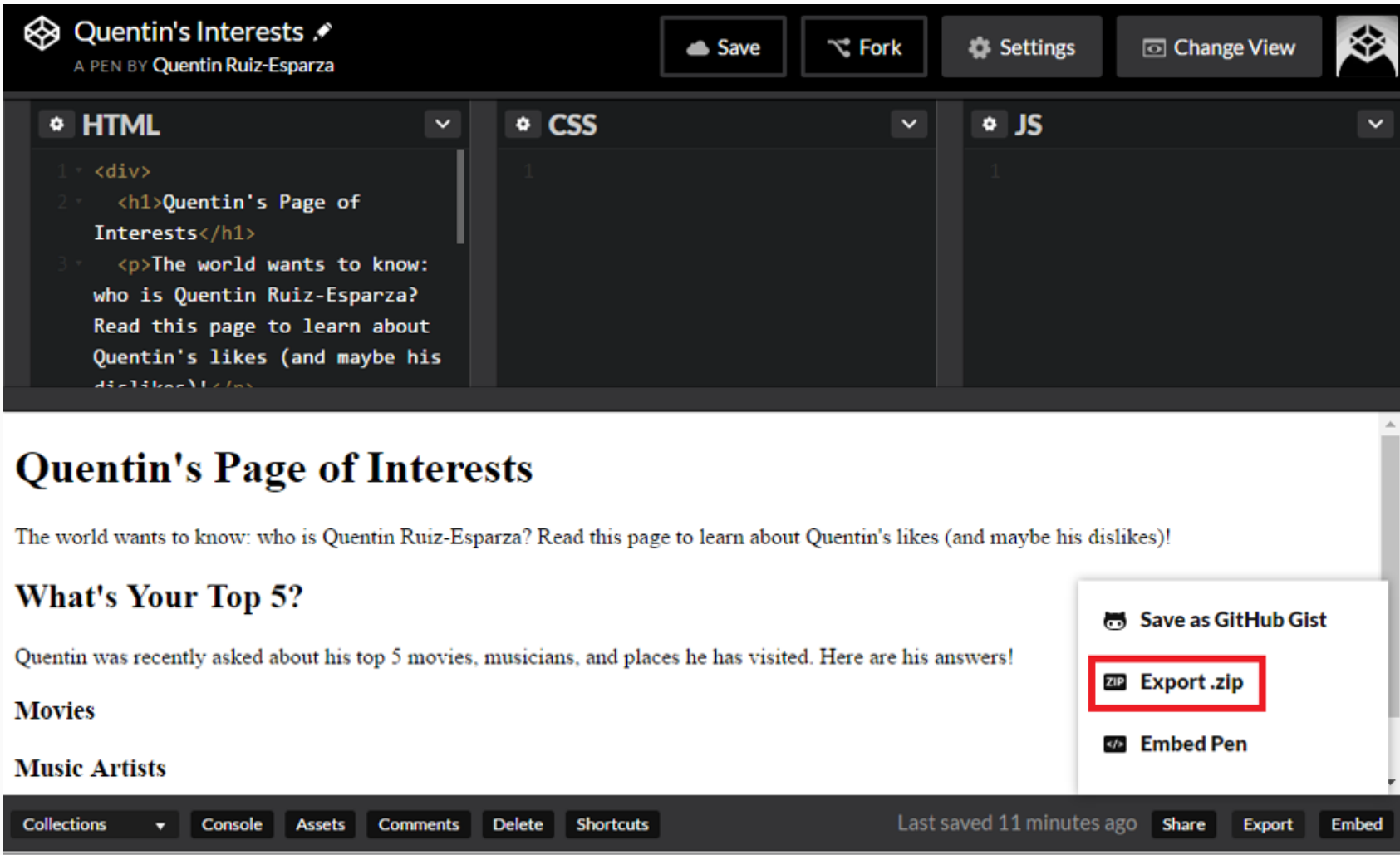
- Add at least 2 divs.** Remember that divs will later be used to style different parts of your web page differently (e.g., having different text font, color, or size, or a different background color for the web page content between the div tags).
- Add at least one header** within a div tag. Play around with different header sizes (e.g., h1, h2 ... h6).
- Add at least one paragraph** within a div tag.

Need help?

- Here’s an example page: <http://codepen.io/quentinre/pen/zKYLNw>. Learn from this example, but be sure to type out your own HTML! It’s the best way to learn.
- Look at the documentation for HTML: <http://www.dukelearntopprogram.com/course1/doc/>, available from the Resources tab.
- You can also get help in the forums! Ask your questions and share your Pens in the course forums.

Metadata Tags

Because CodePen is a tool for creating websites, it is already creating several metadata tags for you, including the html, head, title, and body tags. To see these metadata tags for your post, click **Export** >> **Export .zip** in the lower right hand corner of your Pen, as seen here.



Once you download the .zip file, Open the .html file inside the .zip file named “index” using a text editor (like Brackets <http://brackets.io/>). An example of the HTML export is below. Notice:

- All HTML code is between `<html></html>` tags.
- Your Pen name is included between the `<title></title>` tags.
- All of the HTML you wrote for your web page is between the `<body></body>` tags.
- If you were building an HTML web page without CodePen, you would need to write these metadata tags for yourself.

```
1 |!DOCTYPE html>
2 <html >
3   <head>
4     <meta charset="UTF-8">
5     <title>Quentin's Interests</title>
6
7
8
9
10
11
12
13
14   </head>
15
16   <body>
17
18     <div>
19       <h1>Quentin's Page of Interests</h1>
20       <p>The world wants to know: who is Quentin Ruiz-Esparza? Read this page
21       to learn about Quentin's likes (and maybe his dislikes)!</p>
22     </div>
23     <div>
24       <h2>What's Your Top 5?</h2>
25       <p>Quentin was recently asked about his top 5 movies, musicians, and
26       places he has visited. Here are his answers!</p>
27       <h3>Movies</h3>
28       <h3>Music Artists</h3>
29       <h3>Places I've Visited</h3>
30     </div>
31
32
33
34   </body>
35 </html>
```

Mark as completed