

[< Previous](#)[Next >](#)

Unit 3 / Lesson 1 / Assignment 2

# Introducing HTML

Estimated Time: 15 minutes

- 1. Add your content:** In the HTML pane of CodePen, you will type the content of your site. Content is whatever information you want displayed. It can be anything from news articles to song lyrics. For this project, copy and paste this Shakespeare-ized version of the [Fresh Prince of Bel-Air](#) theme song:



The Fresh Prince of Bel-Air

From western Philadelphia I hail  
where in my youth I'd play upon the green  
'til - rue the day! -I found myself assail'd  
by ruffians contemptible and mean.  
Although the spat was trivial and brief,  
it wounded my dear mother deep within;  
and so, to give her conscience sweet relief,  
she sent me forth to live amongst her kin.  
When to my port of call I'd been conveyed,  
I came upon a coachman most unique;  
and yet, I simply took the trip and paid,  
despite his cab's decor and fresh mystique.  
I survey all the land with princely mien  
in fair Bel-Air, where I do lay my scene.

- 1. Mark up your paragraph with HTML:** You may be able to read the copied text, but your browser can't. It must be converted into HTML. HTML stands for Hypertext Markup Language, a computer language that

marks up content so that browsers can understand it. You must label every type of content with “tags” — small bits of code on either side of the text that tell the computer how to interpret the content contained within the tags. There are many different HTML tags, but you’ll start with the most commonly used ones.

Start with the title, "The Fresh Prince of Bel-Air". The title needs header tags and your paragraph needs paragraph tags. Surround your header with an opening tag, `<h1>` , and a closing tag, `</h1>` . Notice the difference between the opening tag and closing tag. Closing tags have a slash before the tag name. "h1" stands for header1 (there's also header2, header3, and so on, for different tiers of sub-headers).

Now surround your paragraph with opening and closing "paragraph tags":  
`<p>` `</p>` .

It should look like this:

```
<h1>The Fresh Prince of Bel-Air</h1>
<p>From western Philadelphia I hail
  where in my youth I'd play upon the green
  'til - rue the day! -I found myself assail'd
  by ruffians contemptible and mean.
  Although the spat was trivial and brief,
  it wounder my dear other deep within;
  and so, to give her conscience sweet relief,
  she sent me forth to live amongst her kin.
  When to my port of call I'd been conveyed,
  I came upon a coachman most unique;
  and yet, I simply took the trip and paid,
  despite his cab's decor and fresh mystique.
  I survey all the land with princely mien
  in fair Bel-Air, where I do lay my scene. </p>
```

1. **Make sure it worked:** Check out the bottom pane of your CodePen. It should look something like this:

## The Fresh Prince of Bel-Air

From western Philadelphia I hail where in my youth I'd play upon the green 'til - rue the day! -I found myself assail'd by ruffians contemptible and mean. Although the spt was trivial and breif, it wounder my dear other deep within; and so, to give her conscience sweet relief, she sent me forth to live amongst her kin. When to my port of call I'd been conveyed, I came upon a coachman most unique; and yet, I simply took the trip and paid, despite his cab's decor and fresh mystique. I survey all the land with princely mien in fair Bel-Air, where I do lay my scene.

You have just created your first web site. It may not be pretty, but it's a website — a file with content marked up in HTML that's viewed in a browser. Although what you have now works, it isn't properly formatted. Before moving forward, get your HTML page properly formatted.

1. **Clean up your HTML formatting:** Here is the standard formatting for all HTML sites:

---

```
<!DOCTYPE html>
<html>
  <head>
    <meta charset="UTF-8">
    <title>The Fresh Prince of Bel-Air</title>
  </head>
  <body>
    <h1>The Fresh Prince of Bel-Air</h1>
    <p>From western Philadelphia I hail
      where in my youth I'd play upon the green
      'til - rue the day! -I found myself assail'd
      by ruffians contemptible and mean.
      Although the spat was trivial and brief,
      it wounded my dear other deep within;
      and so, to give her conscience sweet relief,
      she sent me forth to live amongst her kin.
      When to my port of call I'd been conveyed,
      I came upon a coachman most unique;
      and yet, I simply took the trip and paid,
      despite his cab's decor and fresh mystique.
      I survey all the land with princely mien
      in fair Bel-Air, where I do lay my scene. </p>
  </body>
</html>
```

Walk through this code: 1) On line 1 add: `<!DOCTYPE html>`. This lets your browser know that you're using the newest version of HTML: version 5.

2) Next add the opening HTML tag ( `<html>` ) and the closing HTML tag ( `</html>` ). Everything between these HTML tags will be interpreted as HTML.

3) Below `<html>` add the `<head>` tag and the `</head>` tag. The `<head>` tags contains information that influences your site, but doesn't actually show up in the browser.

4) Between the `<head>` tags add `<meta charset="UTF-8">` . The charset tells the browser which character set to use. You are using UTF-8 which supports nearly all the characters in the world.

5) Also between the `<head>` tags add a title between opening and closing title tags ( `<title>The Fresh Prince of Bel-Air</title>` ). These tags set the title of the document which will appear on the browser tab and in search results. It is often the same as the `<h1>` text.

6) Finally, put opening and closing `<body>` tags around the items you want displayed on the site. For this site you put the opening tag before the header and the closing tag after the paragraph.

All HTML sites have these four elements: a `DOCTYPE` declaration at the top of the page, opening and closing `<html>` tags, a `<head>` section, and a `<body>` section.

**Next Steps:** Now you have a properly formatted HTML file saved. It's time to learn how to make your website look better with CSS.



· [Report a typo or other issue](#)

✓ Mark as completed

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Previous

Next

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