

0. What's Wrong with My HMTL?

- (a) The following HTML code has errors that make it fail the [W3C HTML Validator](#). Indicate the errors in the code and show a corrected version of the code.

```

1 <!DOCTYPE html>
2 <html>
3   /* CSE 154, Week 2, by John Doe */
4   <title>Section 2 Page</title>
5   <link src="mypage.css" type="text/css" rel="stylesheet" />
6   <body>
7     <h1>My Section 2 Web Page<h1>
8     <p>Here is why my section is the best:
9       <ul>
10        <li>coolest students</li>
11        <li>best TA</li>
12        <li>TA looks like a cat: </img></li>
13      </ul>
14    </p>
15    Our section is > all other sections & you know it!
16  </html>
17 </!DOCTYPE>

```

Solution:

Below is the corrected HTML, with comments:

```

1 <!DOCTYPE html>
2 <html>
3   <!-- Invalid CSS comment in HTML -->
4   <!-- CSE 154, Week 2, by John Doe -->
5
6   <!-- title, link tags should be in head tag before page body -->
7   <head>
8     <title>Section 2 Page</title>
9     <!-- link tags use href attribute to link to css file, not src -->
10    <link href="mypage.css" type="text/css" rel="stylesheet" />
11  </head>
12  <body>
13    <h1>My Section 2 Web Page</h1> <!-- Missing closing h1 tag -->
14    <p>Here is why my section is the best:</p>
15    <!-- lists are not valid children elements of p tag -->
16    <ul>
17      <li>coolest students</li>
18      <li>best TA</li>
19      <!-- Every img tag should have a descriptive alt attribute and img tag is self-closing -->
20      <li>TA looks like a cat: </li>
21    </ul>
22    <!-- Text should always be in a tag (e.g. <p>) within the body -->
23    <!-- > and & are characters that should be escaped in HTML -->
24    <p>Our section is &gt; all other sections &amp; you know it!</p>
25  </body> <!-- missing closing body tag -->
26 </html>
27 <!-- DOCTYPE does not have a closing tag -->

```