Technologies for Design

HTML & CSS

Welcome!

Oplevering & Beoordeling

```
html-css
    -> les-01
    ---> index.html
    -> les-02
    ---> index.html
    -> les-3

    etc..
```
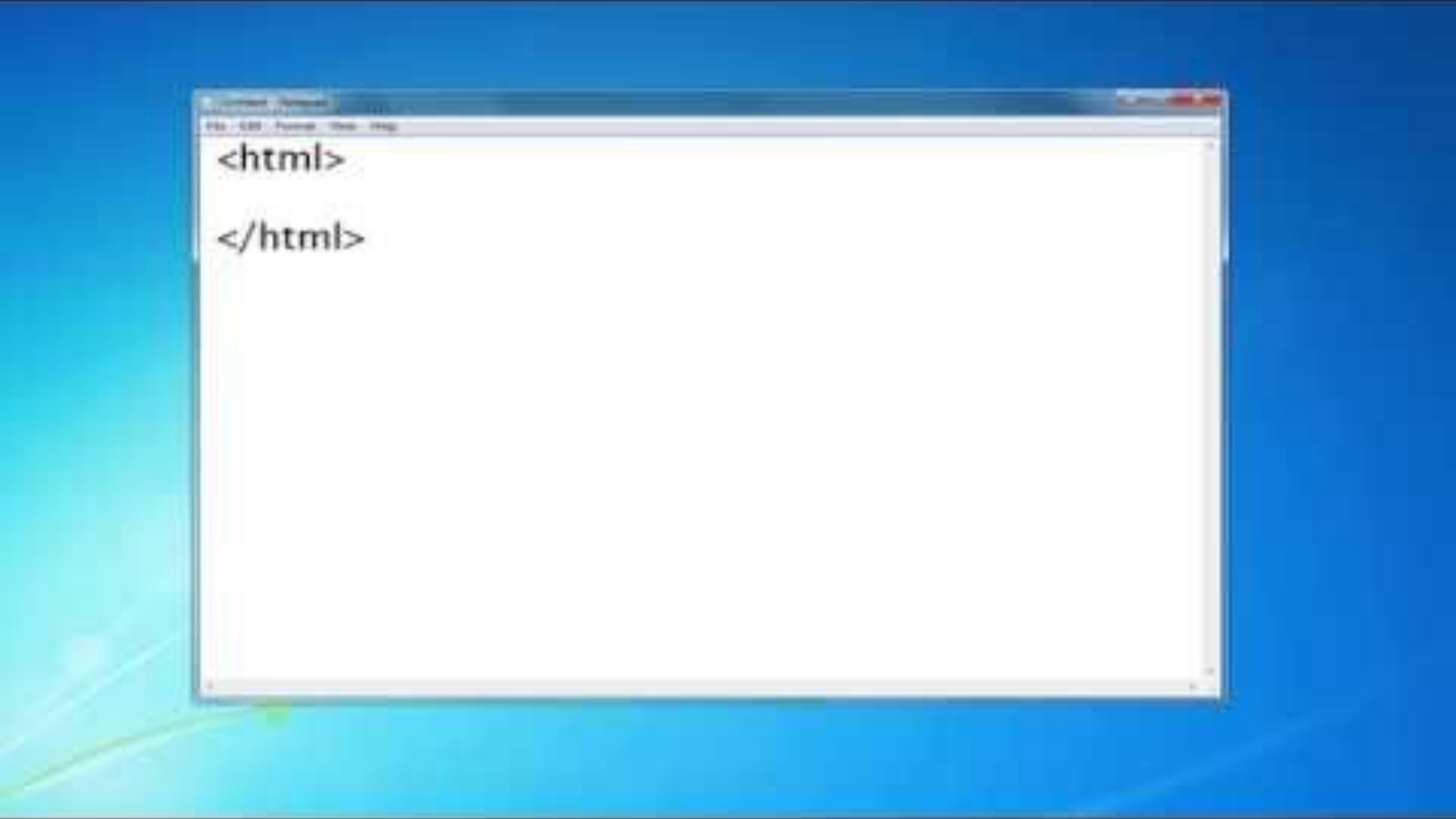
Oplevering & Beoordeling

Meer volgende week.

HTML

<u>H</u>yper <u>T</u>ext <u>M</u>arkup <u>L</u>anguage[1]

[1] https://www.w3schools.com/html/html_intro.asp

Learn HTML in 12 minutes[2]

Class Challenge

Create your first HTML file
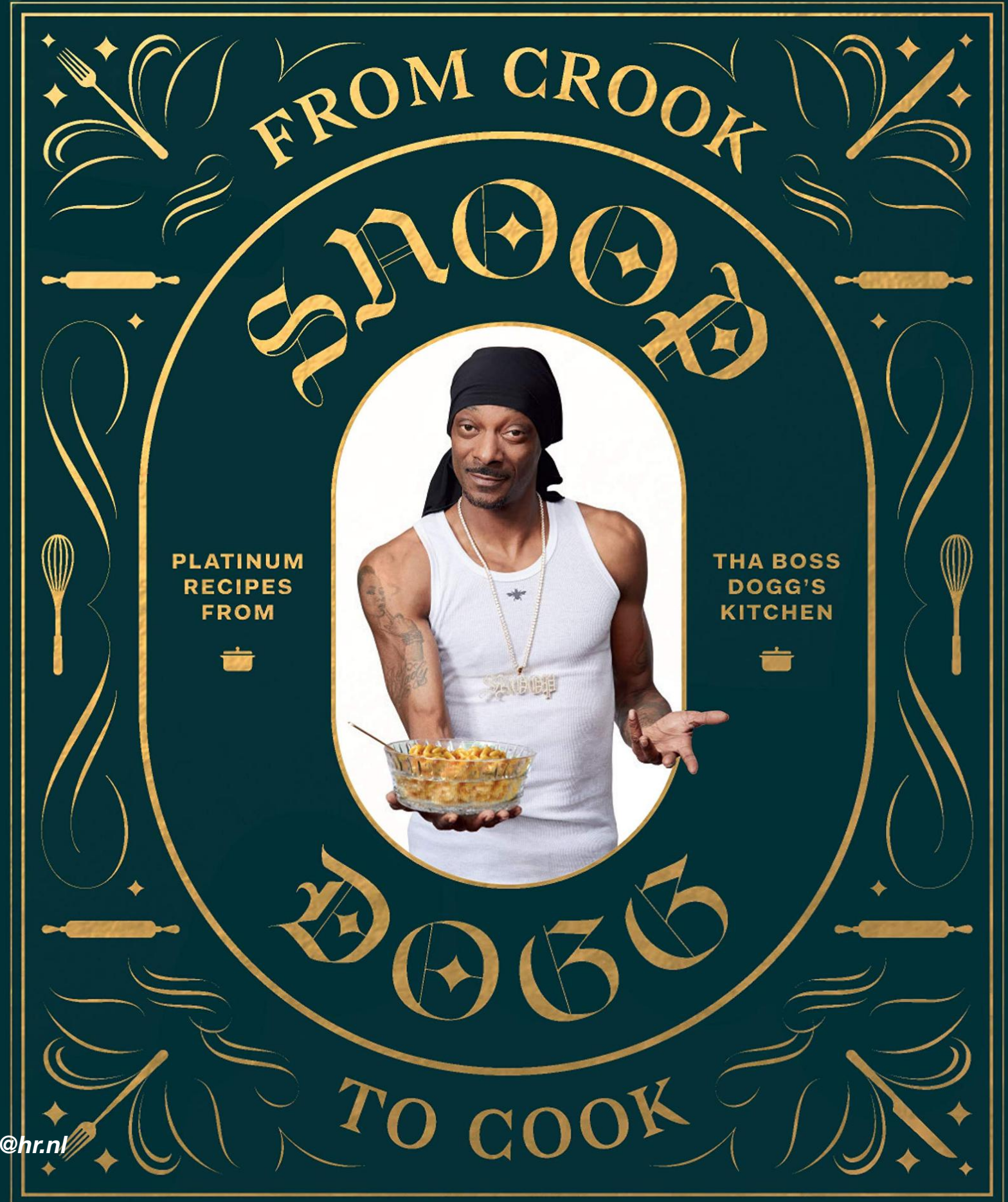
Learn More HTML in 12 minutes[3]

[3] https://www.youtube.com/watch?v=KJ13lX20FqU

Create your recipe

Hint use UL & LI

Use HTML 5 Sectioning Elements[4]

[4] https://blog.teamtreehouse.com/use-html5-sectioning-elements

The <main> element[5]

```
<body>
  <header>
    <div id="logo">Rocking Stone</div>
    <nav>...</nav>
  </header>
  <main role="main">
    <h1>Guitars</h1>
    <p>The greatest guitars ever built.</p>

    <article>
      <h2>Gibson SG</h2>
      <p>...</p>
    </article>

    <article>
      <h2>Fender Telecaster</h2>
      <p>...</p>
    </article>
  </main>
</body>
```

[5] You should only use one <main> element on a page, and it shouldn't be placed within an <article>, <aside>, <header>, <footer>, or <nav> element.

The <article> element[6]

```
<article>
    <header>
        <h1>Blog Post Title</h1>
        <p>Posted 13th February 2014</p>
    </header>
    <p>
        ...
    </p>
</article>
```

[6] You can nest <article> elements within one another.

The <section> element[7]

```
<article>
  <h1>How to use HTML5 Sectioning Elements</h1>
  <p>...</p>

  <section>
    <h2>The Main Element</h2>
    <p>...</p>
  </section>
  <section>
    <h2>The Article Element</h2>
    <p>...</p>
  </section>
  <section>
    <h2>The Section> Element</h2>
    <p>...</p>
  </section>
  ...
</article>
```

[7] If you just need to group content together for styling purposes you should use a <u><div></u> element rather than a <u><section></u>

The <nav> element[8]

```
<nav>
  <ul>
    <li>
        <a href="#chapter-one">Chapter One</a>
    </li>
    <li>
        <a href="#chapter-two">Chapter Two</a>
    </li>
    <li>
        <a href="#chapter-three">Chapter Three</a>
    </li>
  </ul>
</nav>
```

[8] The <u><nav></u> element is used to mark up a collection of links to external pages or sections within the current page.

The \<aside\> element[9]

```
<article>
  <header>
    <h1>Google Buys Nest</h1>
    <p>Posted at 11:34am 13th January 2014</p>
  </header>
  <p>...</p>
  <p>...</p>

  <aside>
    <h1>Google (GOOG)</h1>
    <p>Google was founded in 1998 by Larry Page and Sergey Brin. The company...</p>
  </aside>
</article>
```

[9] The <u>\<aside\></u> element is used to represent content that is tangibly related to the <u>content surrounding it</u>, but could be considered separate.

The <header> element[10]

```
<article>
  <header>
    <h1>Google Buys Nest</h1>
    <p>Posted at 11:34am 13th January 2014</p>
  </header>
  <p>...</p>
  <p>...</p>

  <aside>
    <h1>Google (GOOG)</h1>
    <p>Google was founded in 1998 by Larry Page and Sergey Brin. The company...</p>
  </aside>
</article>
```

[10] A <u><header></u> element will be associated with the nearest sectioning element, usually it's direct parent in the page structure.

The <footer> element[11]

```
<article>
  <header>
    <h1>Google Buys Nest</h1>
    <p>Posted at 11:34am 13th January 2014</p>
  </header>
  <p>...</p>
  <p>...</p>

  <footer>
    <address>
      By <a href="mailto:matt@example.com">Matt West</a>
    </address>
    <p>Copyright Matt West 2014</p>
  </footer>
</article>
```

[11]As with <u><header></u>, the <u><footer></u> element is associated with the nearest sectioning element.

Resources

— **Bento.io Tracks**
  — **https://bento.io/topic/html**
— **W3Schools**
  — **https://www.w3schools.com/html/default.asp**
— **Use HTML 5 Sectioning Elements**
  — **https://blog.teamtreehouse.com/use-html5-sectioning-elements**

Home Challenge
Section your recipe