

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.

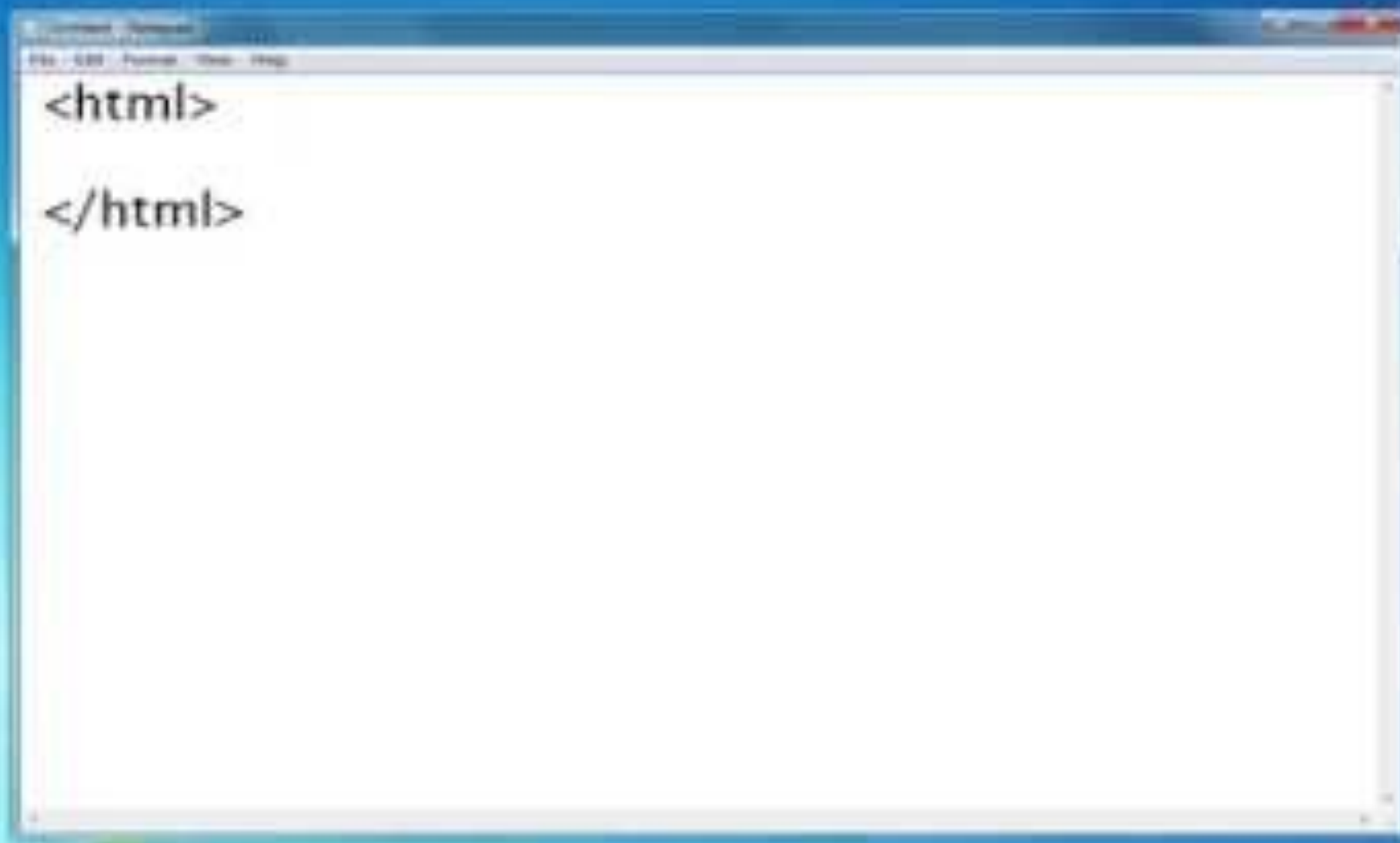
HTML

Hyper Text Markup Language¹

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

Learn HTML in 12 minutes²

² <https://www.youtube.com/watch?v=bWPMSSsVdPk>



Class Challenge

Create your first HTML file

Learn More HTML in 12 minutes³

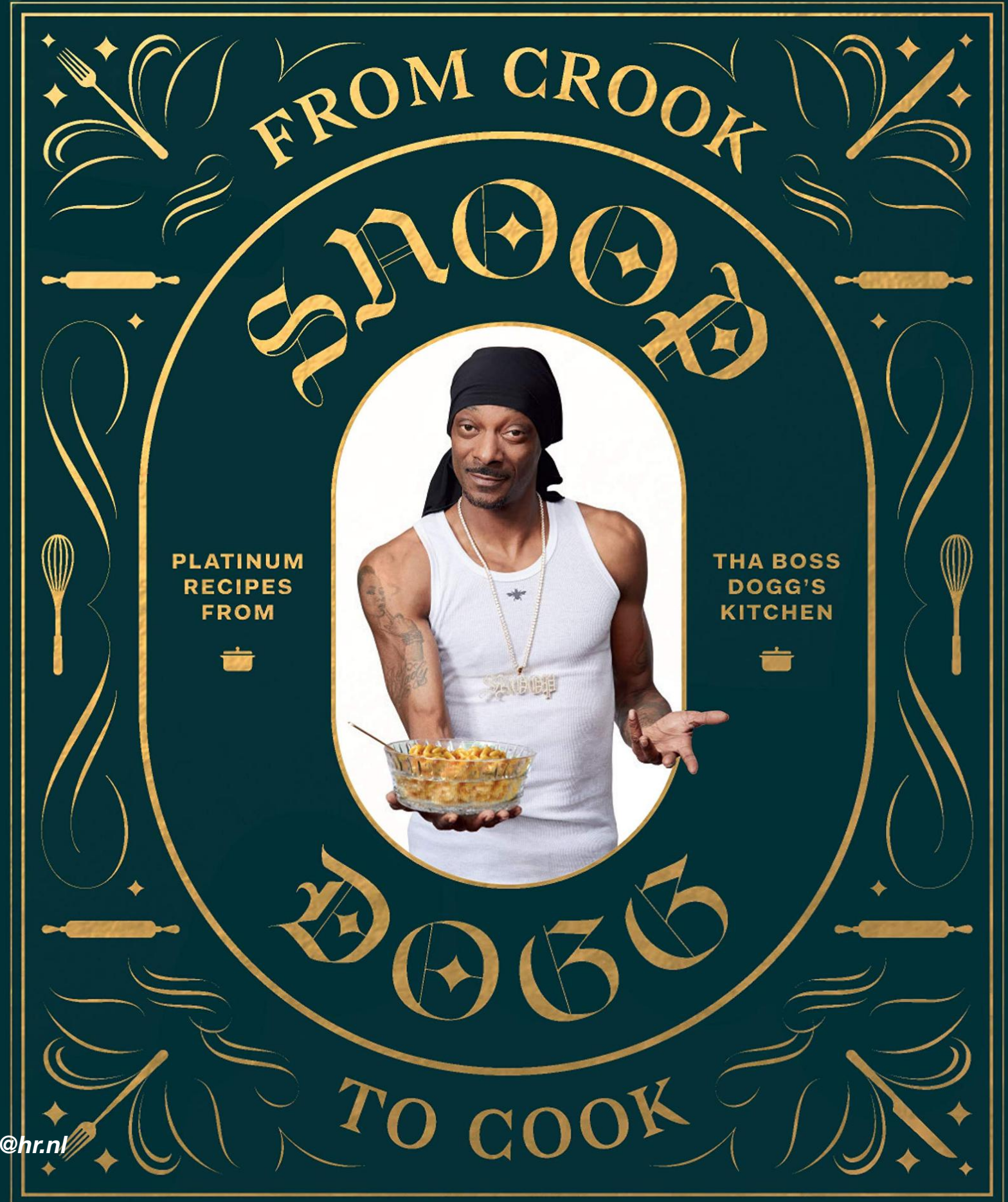
³ <https://www.youtube.com/watch?v=KJ13lX20FqU>

```
File Edit Format View Help
<head>
    <title>My website</title>
</head>
<body>
    <div>
        <h1>Welcome to my website</h1>
    </div>
    <div>
        <h2>Home page</h2>
        <p>I hope you like it. :)</p>
    </div>
</body>
```

Class Challenge

Create your recipe

Hint use **UL** & **LI**



Use HTML 5 Sectioning Elements⁴

⁴ <https://blog.teamtreehouse.com/use-html5-sectioning-elements>

The `<main>` element⁵

```
<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> element⁶

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

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

The <section> element⁷

```
<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 <div> element rather than a <section>

The `<nav>` element⁸

```
<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>
```

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

The <aside> element⁹

```
<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 <aside> element is used to represent content that is tangibly related to the content surrounding it, but could be considered separate.

The `<header>` element¹⁰

```
<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 `<header>` element will be associated with the nearest sectioning element, usually it's direct parent in the page structure.

The `<footer>` element¹¹

```
<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 `<header>`, the `<footer>` 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