

Installing a Code Editor

Maybe you have one already?

Visual Studio Code, Atom, Sublime Text? ...

If not, I recommend *Visual Studio Code*
for this workshop

Make a Folder on Your Laptop

This is where your site lives on your machine
Name the folder *"my90sWebsite"* maybe?

Open this folder in *Visual Studio Code*

Setting Up the Live Server

Press the "Extensions" icon in VS Code
and type "live server" in search field
... install that plugin ...

Making the First Document

Press the "new file" button in VS Code,
and name the file *index.html*

Files named `index.html` are automatically served

Coding HTML

Hypertext Markup Language

HTML is not a programming language, but a protocol
for structuring online content

Html, Head and Body

HTML, HEAD and BODY elements define the basic structure of a HTML document

What do these three elements do?

```
1 <!DOCTYPE html>
2 <html>
3   <head></head>
4   <body></body>
5 </html>
```

The Document Title

Set the document title,
and let's start the local server

```
1 <!DOCTYPE html>
2 <html>
3   <head>
4     <title>My Nineties Website</title>
5   </head>
6   <body></body>
7 </html>
```

Some Common HTML Elements

Paragraphs, Headers, Links

```
1 <!DOCTYPE html>
2 <html>
3   <head>
4     <title>My Nineties Website</title>
5   </head>
6   <body>
7     <h1>A big header</h1>
8     <p>Here's a paragraph of text,
9       that can span a few lines,
10      and <a href="https://aros.dk">has a link</a>
11      that I can click</p>
12   </body>
13 </html>
```


More Common (inline) Tags

Italic, Bold, Underline

```
1 <!DOCTYPE html>
2 <html>
3   <head>
4     <title>My Nineties Website</title>
5   </head>
6   <body>
7     <h1>A big header</h1>
8     <p>Here's a <b>paragraph of text</b>,
9       that <u>can</u> span a <i>few lines</i>,
10      and <a href="https://aros.dk">has a link</a>
11      I can click</p>
12   </body>
13 </html>
```

... opening links in a new window

```
... <a href="https://aros.dk" target="_blank">has a link</a> .
```

Inserting An Image

Make a new folder called "images"
and download an image to that folder

Now, reference that image file from your code ...

```
1 ...
2   <p>Here's a <b>paragraph of text</b>,
3     that <u>can</u> span a <i>few lines</i>,
4     and <a href="https://aros.dk">has a link</a>
5     I can click</p>
6   
7 ...
```

Cascading Style Sheets

HTML structures the content, CSS styles it
How do you want your elements to look and feel?

CSS classes

We can build our own classes.

Let's wrap all our content in a class,
so we can make a text column that is not too wide

```
1 ...  
2 <body>  
3   <main class="mainContent">  
4     <!-- our content here -->  
5   </main>  
6 </body>  
7 ...
```

CSS class for main content

Let's define styles for our new class

```
1 <style>
2   body {
3     background-color: pink;
4     color: white;
5   }
6
7   .mainContent {
8     max-width: 60ch;
9     margin: 0px auto;
10  }
11 </style>
```

Developer Tools

Tools to help you structure and style your content
Press F12 or go to "More Tools" -> "Developer tools" ...

A Little More Structure ...

Let's divide the site's content,
as the size of the site grows

Wrapping Content in Article Tag ...

```
1 ...
2 <article>
3   <h1>A big header</h1>
4   <p>Here's a <b>paragraph of text</b>,
5     that can span a <i>few lines</i>,
6     and that <a href="https://aros.dk">has a link</a>
7     I can click</p>
8   
9 </article>
10 ...
```

Giving the Article Tag Some Styles

```
1 ...
2 <head>
3   <title>My Nineties Website</title>
4   <style>
5     ...
6     article {
7       border-bottom: 1px solid black;
8       padding-bottom: 1em;
9       margin-bottom: 1em;
10    }
11  </style>
12 </head>
13 ...
```

More Articles

Now, build some more article content

Make a site about something you're passionate about!

If you're out of ideas:

Make a site about your pet?

Your favorite band as a teenager?

A 90's version of a contemporary site?

An ASCII art work website?

Additional Resources

<https://www.learn-html.org/>

<https://www.w3schools.com/tags/default.asp>

<https://htmlcolorcodes.com/color-names/>

Communities

<https://codeandshare.net/>

<https://www.fluxfactory.org/>