

Making Websites for Beginners

Clarissa Littler

What we'll cover

- The basic technology that goes into a webpage
- Simple examples of how to use HTML and CSS and a little JavaScript
- Resources to continue your learning

What we'll cover

- The basic technology that goes into a webpage
- Simple examples of how to use HTML and CSS and a little JavaScript
- Resources to continue your learning

What we'll cover

- The basic technology that goes into a webpage
- Simple examples of how to use HTML and CSS and a little JavaScript
- Resources to continue your learning

What we'll cover

- The basic technology that goes into a webpage
- Simple examples of how to use HTML and CSS and a little JavaScript
- Resources to continue your learning

What we won't cover

- How to build the back-end of a site
- How to program in JavaScript in general
 - Though there are free supplements for that
- A majority of CSS and HTML

What we won't cover

- How to build the back-end of a site
- How to program in JavaScript in general
 - Though there are free supplements for that
- A majority of CSS and HTML

What we won't cover

- How to build the back-end of a site
- How to program in JavaScript in general
 - Though there are free supplements for that
- A majority of CSS and HTML

What we won't cover

- How to build the back-end of a site
- How to program in JavaScript in general
 - Though there are free supplements for that
- A majority of CSS and HTML

Client and server

Two pieces that talk to each other to make a site

Server

- Sends data to the browser
- Saves information for long term use
- Receives requests from the client

Client

- Receives data from the server
- Renders server data into a usable page
- Handles the user interface

Client and server

Two pieces that talk to each other to make a site

Server

- Sends data to the browser
- Saves information for long term use
- Receives requests from the client

Client

- Receives data from the server
- Renders server data into a usable page
- Handles the user interface

Client and server

Two pieces that talk to each other to make a site

Server

- Sends data to the browser
- Saves information for long term use
- Receives requests from the client

Client

- Receives data from the server
- Renders server data into a usable page
- Handles the user interface

Client and server

Two pieces that talk to each other to make a site

Server

- Sends data to the browser
- Saves information for long term use
- **Receives requests from the client**

Client

- Receives data from the server
- Renders server data into a usable page
- Handles the user interface

Client and server

Two pieces that talk to each other to make a site

Server

- Sends data to the browser
- Saves information for long term use
- Receives requests from the client

Client

- **Receives data from the server**
- Renders server data into a usable page
- Handles the user interface

Client and server

Two pieces that talk to each other to make a site

Server

- Sends data to the browser
- Saves information for long term use
- Receives requests from the client

Client

- Receives data from the server
- **Renders server data into a usable page**
- Handles the user interface

Client and server

Two pieces that talk to each other to make a site

Server

- Sends data to the browser
- Saves information for long term use
- Receives requests from the client

Client

- Receives data from the server
- Renders server data into a usable page
- **Handles the user interface**

How do you share a site?

- You can load a site locally in your browser
- To share a site you need a server to **host**
- Free hosting option: neocities.org

How do you share a site?

- You can load a site locally in your browser
- To share a site you need a server to **host**
- Free hosting option: `neocities.org`

How do you share a site?

- You can load a site locally in your browser
- To share a site you need a server to **host**
- Free hosting option: neocities.org

The three pieces of a web page

- HTML
- CSS
- JavaScript

The three pieces of a web page

- HTML
- CSS
- JavaScript

The three pieces of a web page

- HTML
- CSS
- JavaScript

What does HTML do?

HTML describes the content of the page, **but not how it looks**

What does HTML do?

HTML describes the content of the page, **but not how it looks**

What does CSS do?

CSS describes how a page looks, **but not its content**

What does CSS do?

CSS describes how a page looks, **but not its content**

What does JavaScript do?

The dynamics and the user interface of the page

What **is** HTML?

HyperText Markup Language

- HyperText
- Markup

What **is** HTML?

HyperText Markup Language

- HyperText
- Markup

Tags and Elements

```
<body>
  <h1>This is a header</h1>
  <p>
    This is a paragraph of text,
    where some of the text is <b>bold</b>, and
    after this paragraph, there will be a numbered list
  </p>

  <ol>
    <li>lists are made of "list items"</li>
    <li>like these</li>
  </ol>
</body>
```

Tags and Elements

```
<body>
  <h1>This is a header</h1>
  <p>
    This is a paragraph of text,
    where some of the text is <b>bold</b>, and
    after this paragraph, there will be a numbered list
  </p>

  <ol>
    <li>lists are made of "list items"</li>
    <li>like these</li>
  </ol>
</body>
```

Tags and Elements

```
<body>
  <h1>This is a header</h1>
  <p>
    This is a paragraph of text,
    where some of the text is <b>bold</b>, and
    after this paragraph, there will be a numbered list
  </p>

  <ol>
    <li>lists are made of "list items"</li>
    <li>like these</li>
  </ol>
</body>
```


Tags and Elements

```
<body>
  <h1>This is a header</h1>
  <p>
    This is a paragraph of text,
    where some of the text is <b>bold</b>, and
    after this paragraph, there will be a numbered list
  </p>

  <ol>
    <li>lists are made of "list items"</li>
    <li>like these</li>
  </ol>
</body>
```

Tags and Elements

```
<body>
  <h1>This is a header</h1>
  <p>
    This is a paragraph of text,
    where some of the text is <b>bold</b>, and
    after this paragraph, there will be a numbered list
  </p>

  <ol>
    <li>lists are made of "list items"</li>
    <li>like these</li>
  </ol>
</body>
```

Tags and Elements

```
<body>
  <h1>This is a header</h1>
  <p>
    This is a paragraph of text,
    where some of the text is <b>bold</b>, and
    after this paragraph, there will be a numbered list
  </p>

  <ol>
    <li>lists are made of "list items"</li>
    <li>like these</li>
  </ol>
</body>
```

Tags and Elements

```
<body>
  <h1>This is a header</h1>
  <p>
    This is a paragraph of text,
    where some of the text is <b>bold</b>, and
    after this paragraph, there will be a numbered list
  </p>

  <ol>
    <li>lists are made of "list items"</li>
    <li>like these</li>
  </ol>
</body>
```

Tags and Elements

```
<body>
  <h1>This is a header</h1>
  <p>
    This is a paragraph of text,
    where some of the text is <b>bold</b>, and
    after this paragraph, there will be a numbered list
  </p>

  <ol>
    <li>lists are made of "list items"</li>
    <li>like these</li>
  </ol>
</body>
```

Whence closing tags

```
<body>
  <ol>
    <li>This is a list
    <li>but
    <li>there's ambiguity here

  <ol>
    <li> where does this part go?
    <li> is it a sublist or a second list?
```

Whence closing tags

```
<body>
  <ol>
    <li>This is a list</li>
    <li>but</li>
    <li>there's ambiguity here</li>
  </ol>
  <ol>
    <li> where does this part go?</li>
    <li> is it a sublist or a second list?</li>
  </ol>
```

Whence closing tags

```
<body>
  <ol>
    <li>This is a list</li>
    <li>but</li>
    <li>there's ambiguity here

  <ol>
    <li> where does this part go?</li>
    <li> is it a sublist or a second list?</li>
  </ol>
</li>
</ol>
```


Whence closing tags

1. This is a list
 2. but
 3. there's ambiguity here
-
1. where does this part go?
 2. is it a sublist or a second list?

1. This is a list
 2. but
 3. there's ambiguity here
1. where does this part go?
 2. is it a sublist or a second list?

The basic template

```
<!doctype html>
<html>
  <head>
    ...
  </head>
  <body>
    ...
  </body>
</html>
```

The basic template

```
<!doctype html>
<html>
  <head>
    ...
  </head>
  <body>
    ...
  </body>
</html>
```

The basic template

```
<!doctype html>
<html>
  <head>
    ...
  </head>
  <body>
    ...
  </body>
</html>
```

The basic template

```
<!doctype html>
<html>
  <head>
    ...
  </head>
  <body>
    ...
  </body>
</html>
```

The basic template

```
<!doctype html>
<html>
  <head>
    ...
  </head>
  <body>
    ...
  </body>
</html>
```

Headings

```
<!doctype html>
<html>
  <body>
    <h1>Big heading</h1>
    <h2>Smaller</h2>
    <h3>Smaller</h3>
    <h4>Even smaller</h4>
    <h5>Smalllller</h5>
    <h6>Smallest</h6>
  </body>
</html>
```

Big heading

Smaller

Smaller

Even smaller

Smalllller

Smallest

Lists

```
<!doctype html>
<html>
  <body>
    <ol>
      <li>This is an ordered list</li>
      <li>And here we have a nested list
        <ul>
          <li>and this is an unordered list</li>
          <li>which is by default</li>
          <li>a bulleted list</li>
        </ul>
      </li>
    </ol>
  </body>
</html>
```


1. This is an ordered list
2. And here we have a nested list
 - and this is an unordered list
 - which is by default
 - a bulleted list

Exercise 1

Let's try making a simple web page ourselves!

- Right-click on the file `FirstEx.html`
- Select “open in notepad++”
- Type along the instructions
- Save the file
- Right click and open in the browser

Exercise 1

Let's try making a simple web page ourselves!

- Right-click on the file FirstEx.html
- Select “open in notepad++”
- Type along the instructions
- Save the file
- Right click and open in the browser

```
<!doctype html>
```

Exercise 1

Let's try making a simple web page ourselves!

- Right-click on the file FirstEx.html
- Select “open in notepad++”
- Type along the instructions
- Save the file
- Right click and open in the browser

```
<!doctype html>  
<html>
```

Exercise 1

Let's try making a simple web page ourselves!

- Right-click on the file FirstEx.html
- Select “open in notepad++”
- Type along the instructions
- Save the file
- Right click and open in the browser

```
<!doctype html>  
<html>  
  <body>
```

Exercise 1

Let's try making a simple web page ourselves!

- Right-click on the file FirstEx.html
- Select “open in notepad++”
- Type along the instructions
- Save the file
- Right click and open in the browser

```
<!doctype html>
<html>
  <body>
    <h1>This is our heading</h1>
```

Exercise 1

Let's try making a simple web page ourselves!

- Right-click on the file FirstEx.html
- Select “open in notepad++”
- Type along the instructions
- Save the file
- Right click and open in the browser

```
<!doctype html>
<html>
  <body>
    <h1>This is our heading</h1>
    <p>Here is our text.</p>
```

Exercise 1

Let's try making a simple web page ourselves!

- Right-click on the file FirstEx.html
- Select “open in notepad++”
- Type along the instructions
- Save the file
- Right click and open in the browser

```
<!doctype html>
<html>
  <body>
    <h1>This is our heading</h1>
    <p>Here is our text.</p>
    <p>Here's more <b>text</b></p>
```


Exercise 1

Let's try making a simple web page ourselves!

- Right-click on the file FirstEx.html
- Select “open in notepad++”
- Type along the instructions
- Save the file
- Right click and open in the browser

```
<!doctype html>
<html>
  <body>
    <h1>This is our heading</h1>
    <p>Here is our text.</p>
    <p>Here's more <b>text</b></p>
  </body>
```

Exercise 1

Let's try making a simple web page ourselves!

- Right-click on the file FirstEx.html
- Select “open in notepad++”
- Type along the instructions
- Save the file
- Right click and open in the browser

```
<!doctype html>
<html>
  <body>
    <h1>This is our heading</h1>
    <p>Here is our text.</p>
    <p>Here's more <b>text</b></p>
  </body>
</html>
```

Exercise 2

Try making your own simple page using

- `<p>`
- `<h1>`
- ``
- ``
- ``

tags, following the process of the last example

Anchors and Attributes

```
<a href="https://multicolib.org">This is a link</a>
```

Exercise 3

Create your own page that uses at least two links and test them to ensure they work

Cascading Style Sheets

What is CSS?

Cascading style sheets control the appearance of elements

```
selector {  
    property: value;  
    property: value;  
    property: value;  
}
```

```
selector {  
    property: value;  
    property: value;  
    property: value;  
}
```



```
selector {  
  property: value;  
  property: value;  
  property: value;  
}
```

Adding CSS to a page

Style tags

```
<!doctype html>
<html>
  <head>
    <style>
      ...
    </style>
  </head>
  <body>
    ...
  </body>
</html>
```

Adding CSS to a page

Style tags

```
<!doctype html>
<html>
  <head>
    <style>
      ...
    </style>
  </head>
  <body>
    ...
  </body>
</html>
```

Selecting elements by ID

```
<!doctype html>

<html>
  <head>
    <style>
      #para {
        color: blue;
      }
    </style>
  </head>
  <body>
    <p id="para">This is the text within our paragraph.</p>
  </body>
</html>
```

Selecting elements by ID

```
<!doctype html>

<html>
  <head>
    <style>
      #para {
        color: blue;
      }
    </style>
  </head>
  <body>
    <p id="para">This is the text within our paragraph.</p>
  </body>
</html>
```

Selecting elements by ID

```
<!doctype html>

<html>
  <head>
    <style>
      #para {
        color: blue;
      }
    </style>
  </head>
  <body>
    <p id="para">This is the text within our paragraph.</p>
  </body>
</html>
```

Selecting elements by ID

```
<!doctype html>

<html>
  <head>
    <style>
      #para {
        color: blue;
      }
    </style>
  </head>
  <body>
    <p id="para">This is the text within our paragraph.</p>
  </body>
</html>
```

Selecting elements by ID

This is the text within our paragraph.

Exercise 4

Let's use CSS

- Right click the file "exer4.html"
- Fill in the style element within the <head> tags
- Turn the middle heading green

```
<!doctype html>
<html>
  <head>
    <style>
      fill this in
    </style>
  </head>
  <body>
    <h1 id="heading1">First</h1>
    <h2 id="heading2">Second</h2>
    <h3 id="heading3">Third</h3>
  </body>
</html>
```

Selecting elements by ID

This is the text within our paragraph.

Selecting elements by class

```
.ourClass {  
  color: red;  
  width: 200px;  
  font-weight: bold;  
}
```

Selecting elements by class

```
<p class="ourClass">Here's the  
text in one paragraph.  
There's going to be a fair  
decent length of text here so we  
can see that the width  
restriction causes the text to wrap around.</p>
```

```
<ol class="ourClass">  
  <li>Here's a list here that's  
  also going to have an item  
  with at least a moderately long  
  single element  
  in order to show the  
  effects of the width property</li>  
</ol>
```

Selecting elements by class

Here's the text in one paragraph. There's going to be a fair decent length of text here so we can see that the width restriction causes the text to wrap around.

1. Here's a list here that's also going to have an item with at least a moderately long single element in order to show the effects of the width property

Exercise 5

Open the file `exer5.html` and then add in CSS declarations to make both paragraphs have width: 200px and the first paragraph have a color of blue

```
<!doctype html>
<html>
  <head>
  </head>
  <body>
    <p class="theClass" id="firstPara">
      This is a paragraph that has some text in it
      and, y'know, stuff and things</p>
    <p class="theClass" id="sndPara">
      This is the second paragraph by gum</p>
  </body>
</html>
```

Selecting elements by type

```
p {  
    font-size: large;  
    background-color: green;  
    color: blue;  
    width: 200px;  
}
```

Selecting elements by type

```
<p>Our first paragraph is here.  
  There's some text and things of that ilk.</p>  
<p>This is our second paragraph,  
  beholden to no one but itself.  
  A wild rebel of a paragraph</p>  
<p>Our third paragraph lies here,  
  relentless in its conformity.  
  There's not much to say about ol' thirdy,  
  they're simply stoic and  
  resolute in their paragraphness.</p>
```


Selecting elements by type

Our first paragraph is here.
There's some text and
things of that ilk.

This is our second
paragraph, beholden to no
one but itself. A wild rebel
of a paragraph

Our third paragraph lies
here, relentless in its
conformity. There's not
much to say about ol'
thirdy, they're simply stoic
and resolute in their
paragraphness.

combining type and class

```
p {  
    font-size: large;  
    background-color: green;  
    color: blue;  
    width: 200px;  
}  
p.rebel {  
    width: 300px;  
    background-color: white;  
}
```

Specificity

```
<h1 class="rebel">This time we also have a rebellious header,  
which should be unchanged</h1>
```

```
<p>Our first paragraph is here.
```

There's some text and things of that ilk.</p>

```
<p class="rebel">This is our second paragraph,  
beholden to no one but itself.
```

A wild rebel of a paragraph</p>

```
<p>Our third paragraph lies here,  
relentless in its comformity.
```

There's not much to say about ol' thirdy,
they're simply stoic and resolute
in their paragraphness.</p>

```
</div>
```

This time we also have a rebellious headline, which should be unchanged

Our first paragraph is here.
There's some text and
things of that ilk.

This is our second paragraph, beholden
to no one but itself. A wild rebel of a
paragraph

Our third paragraph lies
here, relentless in its
conformity. There's not
much to say about ol'
thirdly, they're simply stoic
and resolute in their
paragraphness.

Div and span

- Div and span are used to group related elements together
- *But they don't have an appearance themselves*

choosing children of an element

```
#divvy p{  
  width: 200px;  
  font-weight: bold;  
}
```

choosing children of an element

```
<div id="divvy">  
  <p> Here we're going to have some text </p>  
  <p> and a little more even, in a separate paragraph. </p>  
  
  <ul>  
    <li>but this shouldn't be effected by our code at all</li>  
  </ul>  
</div>  
<p>Neither should anything in here, either</p>
```

**Here we're going to have
some text**

**and a little more even, in a
separate paragraph.**

- but this shouldn't be effected by our code at all

Neither should anything in here, either

Exercise 6

Using the following skeleton, found in `exer6.html`, add CSS declarations so that the first paragraph has *blue* text, the second paragraph has *red* text, and the third paragraph has *green* text.

```
<body>
  <p>our first paragraph</p>
  <div>
    <p>our second paragraph</p>
    <div>
      <p>our third paragraph </p>
    </div>
  </div>
</body>
```

What is JavaScript?

JavaScript is a programming language that runs in the browser and provides the dynamics, the interaction in any web site

Evaluation of code

- Syntax doesn't **do** anything
- Saying “I have a trillion dollars” doesn't make it so
- An *interpreter* runs (or *evaluates*) code

Evaluation of code

- Syntax doesn't **do** anything
- Saying “I have a trillion dollars” doesn't make it so
- An *interpreter* runs (or *evaluates*) code

Evaluation of code

- Syntax doesn't **do** anything
- Saying “I have a trillion dollars” doesn't make it so
- An *interpreter* runs (or *evaluates*) code

Numbers

- 1
- 0.5
- -20
- ...

Operations

- +
- -
- *
- ...

Sequences

- Need to do more than a single step of code at a time
- List the steps line by line separate by semicolons

Sequences

- Need to do more than a single step of code at a time
- List the steps line by line `separate by semicolons`

Sequences

- Need to do more than a single step of code at a time
- List the steps line by line separate by semicolons

Variables

I have a friend, let's call her "Cassandra"...

Variables function both as storage containers and pronouns

Creating Variables

```
var nameOfVariable = initialValueInIt;  
var numberOfToes = 10;
```

Assigning variables

```
var musicalsThatShouldExist = "The Walking Dead on Ice";  
musicalsThatShouldExist = "Werner Herzog Sings The Blues";
```

Test yourself

Go to your console and try to

- create a variable
- change a variable

Objects

- Phone books
- Contact lists
- Mall directories
- Dictionaries

Objects

- Phone books
- Contact lists
- Mall directories
- Dictionaries

Objects

- Phone books
- Contact lists
- Mall directories
- Dictionaries

Objects

- Phone books
- Contact lists
- Mall directories
- Dictionaries

Making Objects

```
var obj = {prop1 : 0, prop2 : 1};  
var otherObject = {};
```

Objects

Type the following in your console

```
var obj = {prop1 : 0, prop2 : 1, prop3 : "thing"};  
obj.prop1;  
obj.prop2;  
obj.prop3;
```

Objects

Type the following in your console

```
var obj = {};  
obj.numberOfChickens = 2;  
obj.numberOfChickens;
```

Functions in math

$$f(x) = x + 10$$

Functions in JavaScript

```
function f(x) {  
    return x + 10;  
}
```

Using functions

First example of a function, a function that writes data to the console

```
console.log
```

Example

Navigate to the file `consoleExample.html` and then check the console to see what happened

Example

```
<!doctype html>
<html>
  <head>
    <script>
      console.log("we're printing one message");
      console.log("and another message!");
    </script>
  </head>
  <body>
    Check your console!
  </body>
</html>
```

Multi-argument functions

```
function moreFun (anArgument,anotherArgument) {  
    console.log(anArgument + anotherArgument);  
}  
  
moreFun(10, 20);
```

Functions with no arguments

```
function noArgs () {  
    return 10;  
}
```

What is the Document Object Model?

The DOM

The document object model (DOM) is the representation of the web page as *JavaScript objects*

Putting the document in DOM

`document` is the object that holds most of the important methods

When to load code

```
window.onload = function () {  
    ...  
};
```

Creating elements in code

- `document.createElement`
- `document.createTextNode`
- `document.body`
- `.appendChild`

Creating elements in code

- `document.createElement`
- `document.createTextNode`
- `document.body`
- `.appendChild`

Creating elements in code

- `document.createElement`
- `document.createTextNode`
- `document.body`
- `.appendChild`

Creating elements in code

- `document.createElement`
- `document.createTextNode`
- `document.body`
- `.appendChild`

Creating elements in code

- `document.createElement`
- `document.createTextNode`
- `document.body`
- `.appendChild`

Creating elements

```
<!doctype html>
<html>
  <head>
    <script>
      window.onload = function () {
        var newHeader = document.createElement("h1");
        var textNode = document
          .createTextNode("This is a header!");
        newHeader.appendChild(textNode);
        document.body.appendChild(newHeader);
      };
    </script>
  </head>
  <body>
  </body>
</html>
```

Exercise 4

Exercise

use the `document.createElement` function to make a single

```
<!doctype html>  
<html>  
  <head>  
    <script>  
    </script>  
  </head>  
  <body>  
  </body>  
</html>
```

Finding elements

- `document.getElementById`
- `.firstChild`
- `.nodeValue`

Finding elements

- `document.getElementById`
- `.firstChild`
- `.nodeValue`

Finding elements

- `document.getElementById`
- `.firstChild`
- `.nodeValue`

Finding elements

- `document.getElementById`
- `.firstChild`
- `.nodeValue`

```
<body>
  <ol id="list1">
    <li>This is a list</li>
  </ol>
  <ol id="list2">
    <li>This is our second list</li>
  </ol>
</body>
```

getElementById

```
window.onload = function () {  
    var newItem =  
        document.createElement("li");  
    var newText =  
        document  
            .createTextNode("item in the second list");  
    newItem.appendChild(newText);  
    var secondList = document.getElementById("list2");  
    secondList.appendChild(newItem);  
};
```

Changing CSS properties

```
<!doctype html>
<html>
  <head>
    <script>
      window.onload = function () {
        var h = document.getElementById("header");
        h.style.color = "red";
      }
    </script>
  </head>
  <body>
    <h1 id="header">This is a header!</h1>
  </body>
</html>
```

Exercise 5

Exercise

use `document.getElementById` and the `.style` property to change the text color of the paragraph to green

```
<!doctype html>  
<html>  
  <head>  
    <script>  
      </script>  
  </head>  
  <body>  
    <p id="para">Here's our text.</p>  
  </body>  
</html>
```

What we've learned

- What a webpage is
 - HTML
 - CSS
 - JavaScript

What we've learned

- What a webpage is
 - HTML
 - CSS
 - JavaScript

What we've learned

- What a webpage is
 - HTML
 - CSS
 - JavaScript

What we've learned

- What a webpage is
 - HTML
 - CSS
 - JavaScript

What we've learned

- HTML

- Elements
- Tags
- Semantic markup
- Content, not appearance

What we've learned

- HTML
 - Elements
 - Tags
 - Semantic markup
 - Content, not appearance

What we've learned

- HTML
 - Elements
 - Tags
 - Semantic markup
 - Content, not appearance

What we've learned

- HTML
 - Elements
 - Tags
 - Semantic markup
 - Content, not appearance

What we've learned

- HTML
 - Elements
 - Tags
 - Semantic markup
 - Content, not appearance

What we've learned

- CSS
 - Style, not substance
 - Selectors
 - Classes

What we've learned

- CSS
 - Style, not substance
 - Selectors
 - Classes

What we've learned

- CSS
 - Style, not substance
 - Selectors
 - Classes

What we've learned

- CSS
 - Style, not substance
 - Selectors
 - Classes

What we've learned

- JavaScript

- A general purpose programming language
- Can be run by every browser
- Connects to HTML via Document Object Model

What we've learned

- JavaScript

- A general purpose programming language
- Can be run by every browser
- Connects to HTML via Document Object Model

What we've learned

- JavaScript
 - A general purpose programming language
 - Can be run by every browser
 - Connects to HTML via Document Object Model

What we've learned

- JavaScript
 - A general purpose programming language
 - Can be run by every browser
 - Connects to HTML via Document Object Model

What to learn next

- More HTML tags
- So much more CSS
- Frameworks for styling
 - Bootstrap is a very popular one
- JavaScript programming

What to learn next

- More HTML tags
- So much more CSS
- Frameworks for styling
 - Bootstrap is a very popular one
- JavaScript programming

What to learn next

- More HTML tags
- So much more CSS
- Frameworks for styling
 - Bootstrap is a very popular one
- JavaScript programming

What to learn next

- More HTML tags
- So much more CSS
- Frameworks for styling
 - Bootstrap is a very popular one
- JavaScript programming

What to learn next

- More HTML tags
- So much more CSS
- Frameworks for styling
 - Bootstrap is a very popular one
- JavaScript programming

Thanks for attending!

Thanks for being in this class