



Learn to build a website!

Have you ever wanted to make a web page but didn't know where to start? Or perhaps you simply want to understand more about how web technologies work. Look no further! SimpleXcode will help you get started. Our website features detailed beginner lessons and quizzes on HTML, CSS, and Javascript.

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[Get Started](#)

Register your account

User Name:

testing

Teacher's Username (Leave blank if Teacher):

Password:

....

Password (again):

....

Reset Form

Submit Form

Login to your account

User Name:

Password:

Reset Form

Enter Site

Register

Lesson 1: What is an HTML Document?

Definition of HTML:

HTML stands for Hypertext markup language. It is defined as text document that is read by different web browser and then it is distributed on the screen.

It describes the structure of any web page that is made up lists of elements. These elements are represented by tags that tell the web browser how to display the content on the screen of the browser.

The tags names are enclosed by angel brackets that have the opening tag **(start tag)** and the closing tag **(end tag)**. Here is an example:

```
<start tag name> user content must me coded inside the tag </end tag name>
```

Lesson 2: In-depth HTML

HTML Links

HTML links are hyperlinks. When you click on a link, you can jump from your current document or web page to another.

[Here is an example of a link.](#)

Basic Syntax of a HTML Link

Here is the basic syntax of a HTML hyperlink:

```
<a href= "linkURL">link text</a>
```

Lesson 3: Margins, Paddings, Colors

We are going to add margins, padding, and color from CSS in the HTML that makes it looking well aligned more professional.

Let's begin with margins - Margins is the edge or border at the top, bottom, right, and left.

```
body {  
    margin: 10px;  
}
```

Second, the padding is space inside the tags.

Lesson 4: Navigation Bars

What is a Navigation Bar?

A navigation bar is a menu that lets you get around the website. It should have `buttons` that take you to other pages on your website.

To make a simple navigation bar using [CSS styling](#), the easiest way is to use an [unordered list](#).

Let's take a look at a simple list in HTML:

```
<ul>
  <li><a>Home</a></li>
  <li><a>About us</a></li>
  <li><a>Store</a></li>
```


Lesson 5: JavaScript

So far, you've learned to work with HTML and CSS. These are called [markup language](#), and their code simply represents a data structure. Javascript, or JS, is a [scripting language](#). In it you can define [functions](#), which allow you to add interactivity to your web page. Each function performs a particular task. In JS, a function is defined as such. You can have as many [variables](#) as you want - even none at all!:

```
function functionName(variable1, variable2){  
    Do stuff here!  
}
```

One of the most basic things you can do with Javascript is edit the existing styles of an element. The easiest way to mark which element you are changing is with `Document.getElementById()`. Make sure in

Final Quiz: HTML & CSS

1. What is the correct syntax for color text in CSS Stylesheet?



```
#layout { color: blue; }
```



```
#layout { background-color: blue; }
```



10. True or false? HTML stands for Hypertext markup language. It is defined as text document that is read by different web browser and then it is distributed on the screen.

- ☒ True
- ☐ False

Check Answers

Your grade is:

70

Submit(check answers first)

See previous results

Survey Form

First Name:

Required Entry

Last Name:

Required Entry

Please rate our website?

1

Date:

mm / dd / yyyy

*

How easy it to navigate our website?

Very difficult

Comments Form

Student Name:

Name

Comment:

Comment

Comment