Frontend Developer Bootcamp

Lesson 1 - HTML Introduction

Code	Description
 <i></i> <u></u> 	Used for Paragraphs Used to Italicise text Used to Underline text Used to make text bold Used for Main Heading Used for the next level heading Used for a subheading Used for a subheading Used for a subheading Used for a subheading
insert text to describe link	Used to insert a hyperlink to a webpage
	Used to Insert image on webpage
<table> <tr> <td>Column 1</td> <td>Column 2</td> </tr> <tr> <td>Column 1</td> <td>Column 2</td> </tr> </table>	Used to Insert Tables/Columns
      - Text - Text - Text 	Used to Insert Lists
26/01/22 <img src="img_macbook.jpg"	Used to download image as a file and insert from folder

Code	Description
alt="img_macbook" width="400" height="400">	
01/02/22	
	Used to make comments in html
<!---html comments—-->	

Lesson 2 - CSS Introduction

Code	Description
26/01/22 CSS - cascading style sheet	Used to beautify/style code

<!DOCTYPE html>
<html>
 <head>
  <style>
   body {background-color:powderblue;}
   h1 {color:blue;}
   p {color:red;}
  </style>
 	
 </head>
 <body>
   This is a body.
   This is a paragraph.
 	
 </body>
</html>
	Adding style to html doc.
	note : it is inside the <head> section

Code	Description
| ```html
<!DOCTYPE html>
<html>
 <head>
  <link rel="stylesheet"
href="style.css" text="style/css" />
 </head>
<body>
  <h1>This is a body.</h1>
  <p>This is a paragraph.</p>

 </body>
</html>


p {
 color: rgb(255, 140, 140);
}


https://coolors.co/


background-color: #63595C;
``` | Used when html is linked to external css file<br><br><br><br><br><br><br>Rgb = red, green, blue color ratios in css<br><br><br>For more color palettes/options<br><br><br>Example of Hex Color |

Lesson 3 - CSS Introduction

Code	Description
| 01/02/22<br><br>/*...............*/<br><br><br>```html
<h2 class="veg">Brocolli</h2>
.veg {
 background-color: blue;
``` | <br><br>Used to make comments in css<br><br><br>Using classes to style html code in css |

` color: cornsilk;`
`}`
 	
`<div class="sample-div">`
`    <h1>Potatoes</h1>`
`    <p id="test">There are `
`<i>dozens</i> of different `
`<b>potatoes</b> variety.</p>`
`    <p>They are usually described as `
`early, second-early, and maincrop `
`potatoes.</p>`
`  </div>`
	Example of div and id in html

`p#test {`
` font-family: 'Lucida Grande';`
` font-size: 1.5rem;`
`}`
	Id in css is selected with the #tag

02/02/2022 Padding Float	Determines the size around an object Float is used to bring things in alignment e.g border around a text
HSL & HSLA Hue Saturation Light Alpha	

08/02/2022	Encapsulates text
Content Box	Line of box over text
Border	Used to create space between boxes
Margin	Used to create space between border and text
Padding	Controls the width
Border-width	Controls the color of the border
Border-color	Controls the style of the border e.g dotted, solid, dash
Border-style	
Border radius	
Padding (Shorthand)	Sets top padding Sets bottom padding Sets right padding Sets left padding
Padding-top Padding-bottom Padding-right Padding-left	

16/02/2022 Header	

22/02/2022
Javascript

Variables are containers for storing data (storing data values).

In this example, x, y, and z, are variables, declared with the var keyword:

```
var x = 5;
var y = 6;
var z = x + y;
```

If you want a general rule: always declare variables with const.

If you think the value of the variable can change, use let.

In this example, price1, price2, and total, are variables:

```
const price1 = 5;
const price2 = 6;
let total = price1 + price2;
```

Objects are variables too. But objects can contain many values.

This code assigns many values (Fiat, 500, white) to a variable named car:

```
const car = {type:"Fiat", model:"500", color:"white"};
```

```
const heading1 = document.querySelector(".button");

heading1.addEventListener('mouseover', runEvent);

function runEvent(e) {
```

- Variable

Document.querySelector(`.button`).style.color=`red`;}	- Event Variable
// Click	- Event Function
// clearBtn.addEventListener('click', runEvent);	
// Doubleclick	
// clearBtn.addEventListener('dblclick', runEvent);	
// Mousedown	
// clearBtn.addEventListener('mousedown', runEvent);	
// Mouseup	
// clearBtn.addEventListener('mouseup', runEvent);	
// Mouseenter	
// card.addEventListener('mouseenter', runEvent);	
// Mouseleave	
// card.addEventListener('mouseleave', runEvent);	
// Mouseover	
// card.addEventListener('mouseover', runEvent);	
// Mouseout	
// card.addEventListener('mouseout', runEvent);	
// Mousemove	
card.addEventListener('mousemove',	

runEvent);

Websites to help with coding:
https://jigsaw.w3.org/css-validator/
https://validator.w3.org/
https://coolors.co/
https://tinypng.com/
https://fontawesome.com/
https://getbootstrap.com/