



**Day 2**

# **Project Heartcode**

**Hands-on Workshop:  
HTML & CSS**

## Whiteboard

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# General Overview of Workshop



## Day 2



**HTML & CSS**

## Day 3



**Bootstrap**

## Day 4



**JavaScript**



# General Overview of Workshop

## Day 5 – Build Your Own Website [Pair Work]

- Build a website with minimum **3 html pages**
- Agenda: **Raise awareness** about your chosen **mental health topic**
  - Anxiety
  - ADHD
  - OCD
  - Eating Disorders
  - Bipolarity
  - PTSD
  - Depression
  - Schizophrenia
  - Paranoia
  - Dissociation and dissociative disorders
- **Deployment** of website

The background features abstract geometric shapes in shades of red and blue. In the top left, there is a red hexagon with a blue gradient. On the right side, there are several overlapping, elongated, arrow-like shapes pointing right, colored in various shades of red and blue. At the bottom center, there is a thin, semi-circular arc with a red and blue gradient.

# **Pre-Requirements**

# Pre-Requirements

- **Installation of Visual Studio Code**
  - Refer to VSC Installation Guide [Windows & Mac]
  - Refer to VSC Installation Guide for Chromebook
- **Sign up for an account on [www.github.com](https://www.github.com)**
- **Installation of Github Desktop**
- **Introduction to useful VSC Extensions**

# Project Heartcode Links

[tinyurl.com/Heartcode22](https://tinyurl.com/Heartcode22)

# Workshop Materials



<https://tinyurl.com/heartcodews>



# Table of contents

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Introduction,  
Demonstration &  
Exercises

01

## CSS

Introduction,  
Demonstration &  
Exercises

02

## Kahoot!

HTML & CSS

03



# Wooclap



[https://wooclap.com/  
heartcode22](https://wooclap.com/heartcode22)

01

HTML

HTML



# What is HTML?

- **H**yper**T**ext **M**arkup Language
- HTML file contains multiple tags
- Tags may have attributes that specifies their properties; and attributes have values



# What is HTML?

## **<head>...</head>**

- Placed between <html> and <body> tag
- Container for metadata (data about data)
- Metadata typically define the document title, character set, styles, scripts, and other meta information.

## **<body>...</body>**

- Defines the document's body
- Contains all contents of an HTML document
- Examples: headings, paragraphs, images, hyperlinks, tables, lists

# HTML Tags

**Name of  
Tag**

```
<body>  
  <h1>This is a Heading</h1>  
  <p>This is a paragraph.</p>  
</body>
```

**Closing  
Tag**

**Note: Closing tag includes /**

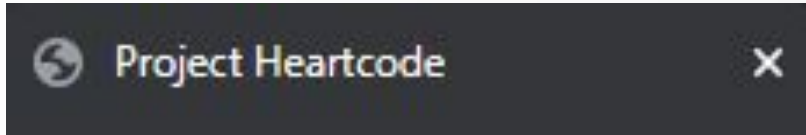
# Sample HTML Page

```
sample1.html X
Workshop > day2 > samplepages > sample1.html > ...
1  <html lang="en">
2  <head>
3      <meta charset="UTF-8">
4      <meta http-equiv="X-UA-Compatible" content="IE=edge">
5      <meta name="viewport" content="width=device-width, initial-scale=1.0">
6      <title>Project Heartcode</title>
7      <link rel="icon" type="image/x-icon" href="../images/logo.png">
8  </head>
9
10 <body>
11     <h1>This is a Heading</h1>
12     <p>This is a paragraph.</p>
13 </body>
14
15 </html>
16
```

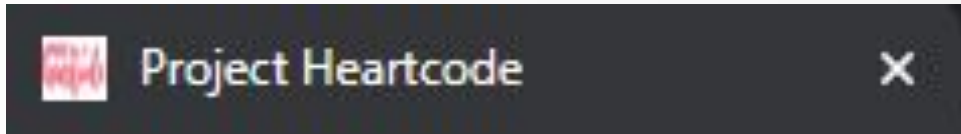
sample1.html

# HTML Tags

- `<title>Project Heartcode</title>`



- `<link rel="icon" type="image/x-icon" href="logo.png">`





# HTML Tags

Tag	Examples
<b>Header</b>	<code>&lt;h1&gt;...&lt;/h1&gt;</code> , <code>&lt;h2&gt;...&lt;/h2&gt;</code>
<b>Paragraph</b>	<code>&lt;p&gt;...&lt;/p&gt;</code>
<b>Image</b>	<code>&lt;img src="..."&gt;</code>
<b>Anchor</b>	<code>&lt;a href='homepage.html'&gt;My Homepage&lt;/a&gt;</code>
<b>Frame</b>	<code>&lt;iframe src="..."&gt; &lt;/iframe&gt;</code>
<b>Ordered List</b>	<code>&lt;ol&gt;&lt;li&gt;...&lt;/li&gt;&lt;/ol&gt;</code>
<b>Unordered List</b>	<code>&lt;ul&gt;&lt;li&gt;...&lt;/li&gt;&lt;/ul&gt;</code>

# HTML Tags – Header

## Header

```
<body>  
  <h1>Welcome to Project Heartcode</h1>  
  <h2>Welcome to Project Heartcode</h2>  
  <h3>Welcome to Project Heartcode</h3>  
  <h4>Welcome to Project Heartcode</h4>  
  <h5>Welcome to Project Heartcode</h5>  
  <h6>Welcome to Project Heartcode</h6>  
</body>
```

**Welcome to Project Heartcode**

**Welcome to Project Heartcode**

**Welcome to Project Heartcode**

**Welcome to Project Heartcode**

**Welcome to Project Heartcode**

**Welcome to Project Heartcode**



# HTML Tags – Paragraph

## Paragraph

```
<body>  
  <p>Today we are learning about HTML & CSS</p>  
  <p>Tomorrow we will learn about Bootstrap</p>  
</body>
```

Today we are learning about HTML & CSS

Tomorrow we will learn about Bootstrap



# HTML Tags – Breaks

- **<hr>** – Defines a thematic break

```
<body>
  <h1>This is heading 1</h1>
  <p>This is some text.</p>
  <hr>
</body>
```

This is heading 1

This is some text.

---

- **<br>** – Defines a line break

```
<body>
  <h1>This is heading 1</h1>
  <br>
  <p>This is some text.</p>
</body>
```

This is heading 1

This is some text.

# HTML Tags - Image

## Image

```
<body>  
|     
</body>
```

When I wrote this code,  
only God & I understood what it did.



Now...  
only God knows.

# HTML Tags - Image

## Relative Path

```
<body>  
|     
</body>
```

< > sample

Name

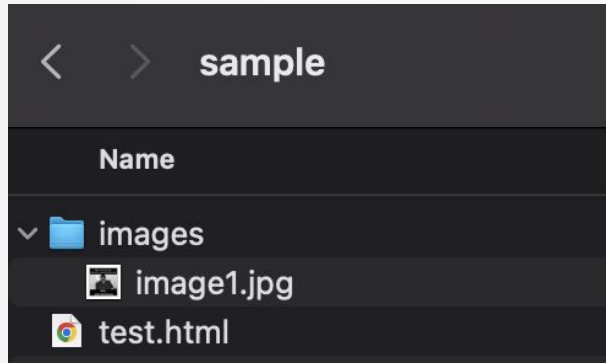
 image1.jpg

 test.html

# HTML Tags - Image

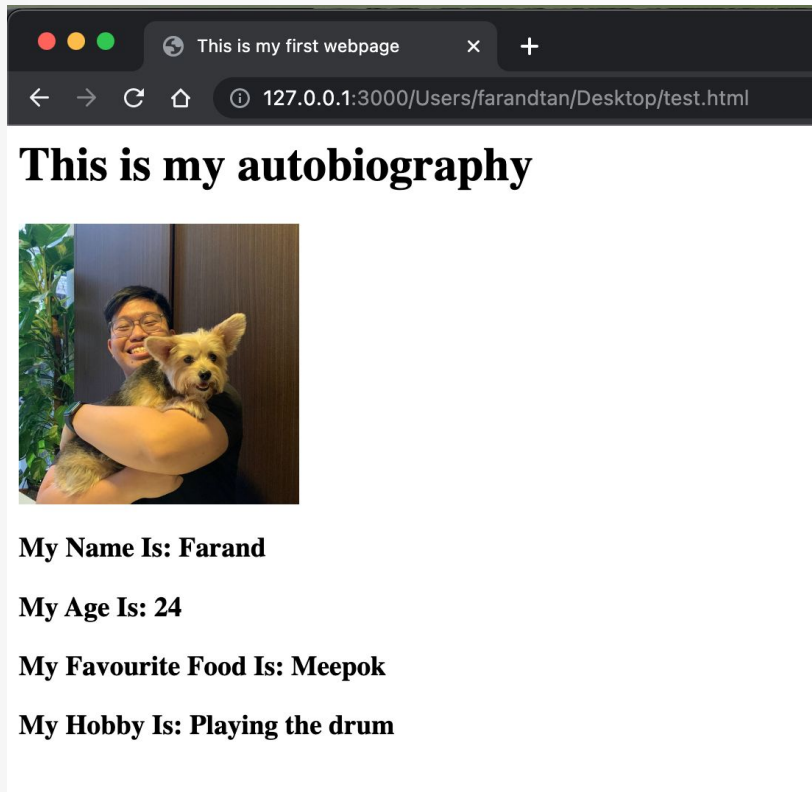
## Relative Path

```
<body>  
    
</body>
```



# Let's make your first webpage!

**Your Autobiography!**  
**Example:**





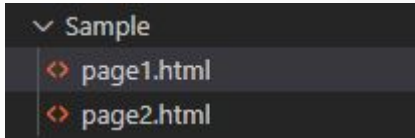
# HTML Tags – Anchor & Frame

```
<body>  
  <a href="www.google.com">Google</a>  
  <br><br>  
  <iframe width="560px" height="315px" src="https://www.youtube.com/embed/DrDm7u04Fu0?rel=0"> </iframe>  
</body>
```

[Google](https://www.google.com)



# HTML Tags – Page Navigation



Folder Structure

```
<body>
  <a href="page2.html">Page 2</a>
</body>
```

page1.html

[Page 2](#)

```
<body>
  <h1>Welcome to page 2!</h1>
  <a href="page1.html">Page 1</a>
</body>
```

page2.html

Welcome to page 2!

[Page 1](#)

# HTML Tags – Lists

Workshop > day2 > samplepages > sample4.html > html

```
1  <!DOCTYPE html>
2  <html lang="en">
3  <head>
4  |   <title>Example Lists</title>
5  </head>
6
7  <body>
8  |   <ol>
9  |   |   <li>Content 1</li>
10 |   |   <li>Content 2</li>
11 |   |   <li>Content 3</li>
12 |   </ol>
13 |   <ul>
14 |   |   <li>Content 1</li>
15 |   |   <li>Content 2</li>
16 |   |   <li>Content 3</li>
17 |   </ul>
18 </body>
19
```

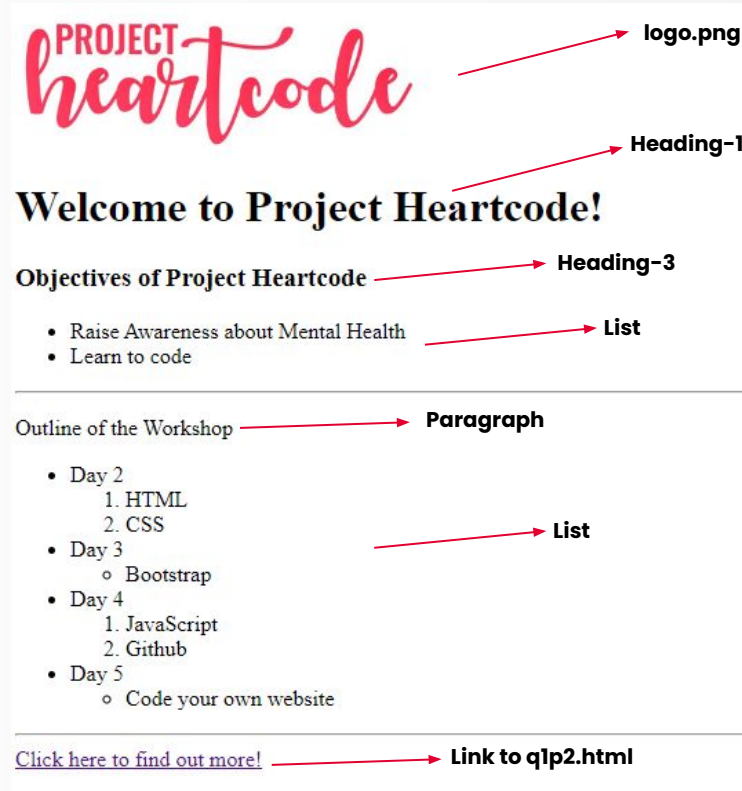
**Ordered List**

**Unordered List**

1. Content 1
2. Content 2
3. Content 3

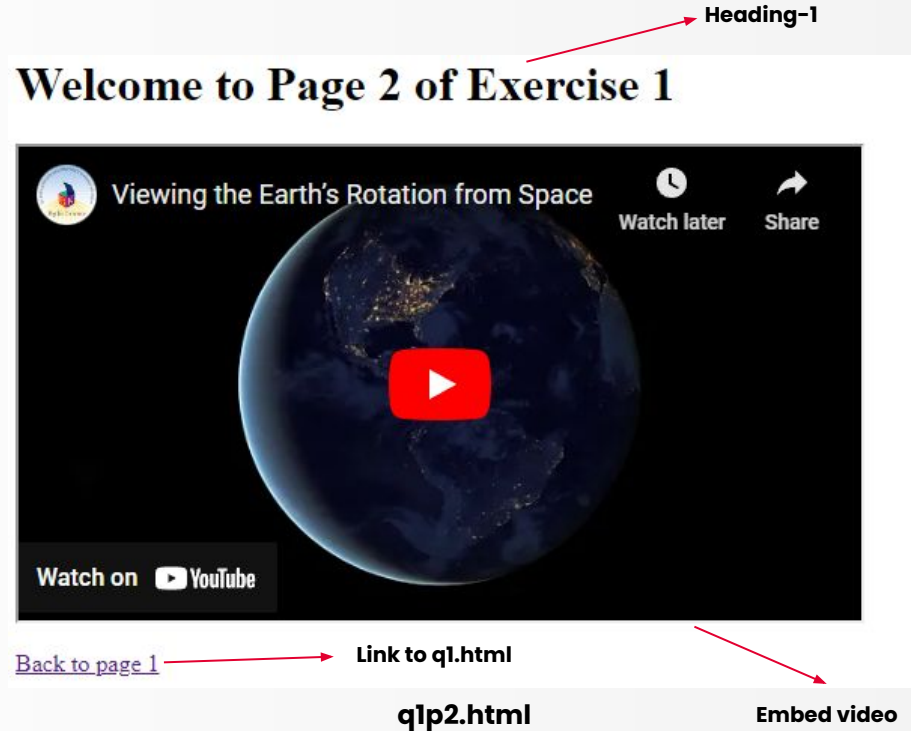
- Content 1
- Content 2
- Content 3

# Exercise 1 – HTML Introduction



q1.html

# Exercise 1 – HTML Introduction



Search for "Viewing the Earth's Rotation from Space" on Youtube

# HTML Tags

Tag	Examples
<b>Tables</b>	<code>&lt;table&gt;&lt;tr&gt;&lt;td&gt;...&lt;/td&gt;&lt;/tr&gt;&lt;/table&gt;</code>
<b>Form</b>	<code>&lt;form action="payment.html" method="GET"&gt;...&lt;/form&gt;</code> <code>&lt;form action="payment.html" method="POST"&gt;...&lt;/form&gt;</code>
<b>Input Field</b>	<code>&lt;input type="text"&gt;</code>
<b>Drop down list</b>	<code>&lt;select&gt;&lt;option&gt;...&lt;/option&gt;&lt;/select&gt;</code>
<b>Button</b>	<code>&lt;button type="submit"&gt;Submit&lt;/button&gt;</code>
<b>Comments</b>	<code>&lt;!-- ... --&gt;</code>

# HTML Tags – Tables

```
Workshop > day2 > samplepages > sample2.html > html
1  <!DOCTYPE html>
2  <html lang="en">
3  <head>
4  |   <title>Example Table</title>
5  </head>
6
7  <body>
8  |   <table border="1">
9  |   |   <tr>
10 |   |   |   <th>Header</th>
11 |   |   |   <th>Header</th>
12 |   |   |   <th>Header</th>
13 |   |   </tr>
14 |   |   <tr>
15 |   |   |   <td>Content</td>
16 |   |   |   <td>Content</td>
17 |   |   |   <td>Content</td>
18 |   |   </tr>
19 |   </table>
20 </body>
```

sample3.html

Header	Header	Header
Content	Content	Content

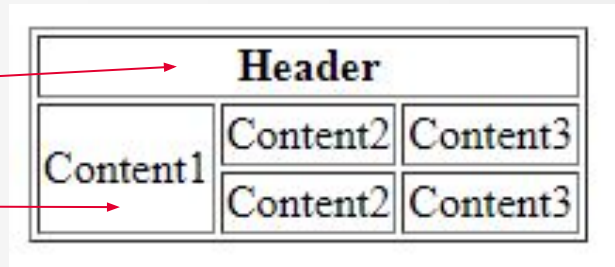
**<tr>** stands for **table row**

**<th>** stands for **table header**

**<td>** stands for **table data**

# HTML Tags - Tables

```
Workshop > day2 > samplepages > < sample3.html > html
1  <!DOCTYPE html>
2  <html lang="en">
3  <head>
4    <title>Example Table</title>
5  </head>
6
7  <body>
8    <table border="1">
9      <tr>
10       <th colspan="3">Header</th>
11     </tr>
12     <tr>
13       <td rowspan="2">Content1</td>
14       <td>Content2</td>
15       <td>Content3</td>
16     </tr>
17     <tr>
18       <td>Content2</td>
19       <td>Content3</td>
20     </tr>
21   </table>
22 </body>
```



Header		
Content1	Content2	Content3
	Content2	Content3



# Exercise 2 – My Personal Schedule

## My Personal Schedule

	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
Morning	Eat	Eat	Eat	Eat	Eat	Eat	Eat
Afternoon	Code	Code	Code	Code	Code	Code	Code
Night	Sleep	Sleep	Sleep	Sleep	Sleep	Sleep	Sleep

q2a.html

# Exercise 2 – My Personal Schedule

## My Personal Schedule

Ideal Schedule							
	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
Morning	Washup, Breakfast & Exercise					Sleep In	
Afternoon	Code	Code and debug				Dramas and Computer Games	
Night		Sleep Early					

q2b.html

Hint: Make use of colspan and rowspan

# HTML Tags – Form

```
<body>
  <form action="" method="GET">
    Name: <input type="text" name="name">
    <br><br>
    Age: <input type="number" name="age">
    <br><br>
    Gender:
    <select name="gender">
      <option value="male">Male</option>
      <option value="female">Female</option>
    </select>
    <br><br>
    <input type="submit" value="Submit">
  </form>
</body>
```

sample5.html

Name:

Age:

Gender:

# HTML Tags – Form

```
<form action="" method="">
  Gender:
  <input type="radio" id="male" name="gender" value="male">
  <label for="male">Male</label>
  <input type="radio" id="female" name="gender" value="female">
  <label for="Female">Female</label>

  <p>What are the languages that we are going to learn?</p>
  <input type="checkbox" id="answer1" name="answer1" value="HTML">
  <label for="answer1"> HTML</label><br>
  <input type="checkbox" id="answer2" name="answer2" value="CSS">
  <label for="answer2"> CSS</label><br>
  <input type="checkbox" id="answer3" name="answer3" value="Bootstrap">
  <label for="answer3"> Bootstrap</label><br>
  <input type="checkbox" id="answer4" name="answer4" value="JavaScript">
  <label for="answer4"> Javascript</label><br>

  <br>Tell me more<br>
  <textarea name="message" rows="5" cols="30"></textarea>
  <br><br>

  <input type="submit" value="Submit">
</form>
```

sample6.html

Gender: ☐ Male ☐ Female

What are the languages that we are going to learn?

☐ HTML

☐ CSS

☐ Bootstrap

☐ Javascript

Tell me more

# HTML Tags – Button

```
<body>  
  <button type="button">Click Me!</button>  
</body>
```

A rectangular button with a light gray background and a thin gray border. The text "Click Me!" is centered on the button in a black, sans-serif font.

# HTML Tags – Comments

```
1  <!DOCTYPE html>
2  <html lang="en">
3
4  <head>
5      <title>Project Heartcode</title>
6      <link rel="icon" type="image/x-icon" href="../images/logo.png">
7      <!-- THIS IS A COMMENT -->
8  </head>
9
10 <body>
11     <!-- PLEASE INSERT YOUR CODE BELOW -->
12     <h1>This is heading 1</h1>
13     <br>
14     <p>This is some text.</p>
15 </body>
16
17 </html>
```

# Exercise 3 – Form Creation

Watch the following Video and provide some feedback in the form below!



**Input Type: Text**

Name:

Was the Video Insightful?

☐ Yes ☐ No **Input Type: Radio**

What are some examples of Mental Health Issues?

☐ Anxiety  
☐ ADHD  
☐ OCD  
☐ Depression  
☐ Eating Disorders **Input Type: Checkbox**

General Comments

**Textarea**

**Input Type: Submit**

# Exercise 4 – Your Autobiography pt. 2

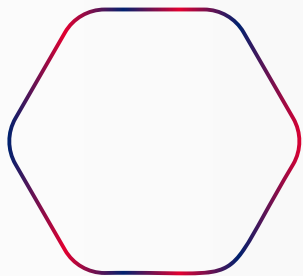
**Continue your autobiography by adding**

1. An **ordered list** of your favourite foods
2. An **unordered list** of your hobbies
  - a. Add a **video of that hobby**
3. A **form** for people to send messages to you



# Styling Related Tags

Tag	Examples	Remarks
<b>Block</b>	<code>&lt;div id='div1'&gt;...&lt;/div&gt;</code>	Add an ID/Class to a block (e.g. for styling purposes)
<b>Inline</b>	<code>&lt;span class='fav'&gt;...&lt;/span&gt;</code>	Similar to div but smaller
<b>Navigation</b>	<code>&lt;nav&gt;...&lt;/nav&gt;</code>	For styling navigation links



02

CSS

CSS



# What is CSS?

- CSS stands for **C**ascading **S**tyle **S**heets
- Emphasis placed on "Style"
- Describes the presentation of a HTML document
  - Change colors
  - Fonts
  - Alignments etc..



# 3 Ways to use CSS

1

## Inline Style

CSS code is placed directly into an HTML element within the `<body>` section of the webpage

2

## Internal Style Sheet

CSS code is placed into a separate, dedicated area within the `<head>` section of the webpage

3

## External Style Sheet

CSS code is placed into a separate file and then linked to a webpage

# CSS: Inline Style

- CSS code is **placed directly into a HTML element** within the **<body> section of a webpage**
- To define an inline CSS, add the style attribute into an HTML element with the CSS declaration as the attribute
- Inline style **ONLY applies to one tag**

## Example

```
<body>  
  <h1 style="color: blue;">Hello Friends!</h1>  
  <h1>Goodbye!</h1>  
</body>
```

Hello Friends!

Goodbye!

# CSS: Inline Style

## Advantages of using Inline CSS

- Useful for viewing changes instantly
- Adding style for CSS rules that only apply to one or a few elements
- Inline Style will **ALWAYS override style properties** that is defined in internal or external style sheet

## Example

```
<body>  
  <h1 style="color: blue;">Hello Friends!</h1>  
  <h1>Goodbye!</h1>  
</body>
```

Hello Friends!

Goodbye!

# CSS: Internal Style Sheet

- A **<style> section** is added **within the <head>** of the HTML page
- All the CSS declarations will go within this section
- Styles declared in the <style> section will **affect all matching elements on the page**

## Example

```
<head>
  <style>
    h1 {
      color: blue;
    }
  </style>
</head>

<body>
  <h1>Hello Friends!</h1>
  <h2>Goodbye!</h2>
</body>
```

Hello Friends!

Goodbye!

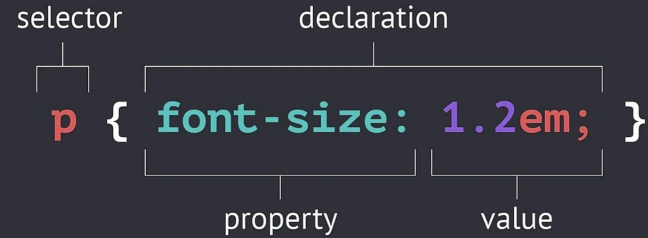
# CSS: Internal Style Sheet

## Syntax of CSS

- **selector { property: value; }**
- Inside a selector, we can define as many properties as we wish to
- A semicolon (;) must be placed after each CSS declaration

### Example

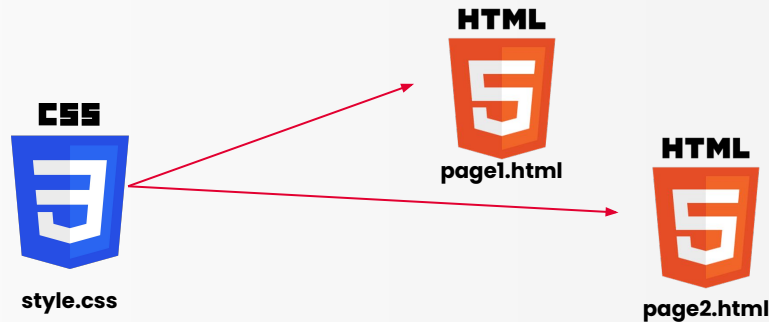
```
p { color: blue; }  
h1 { font-style: italic; }  
  
p {  
    color: red;  
    font-style: bold;  
    text-align: center;  
}
```





# CSS: External Style Sheet

- CSS declaration will be done in a **separate file (e.g. style.css)**
- CSS file will be **imported into the current HTML page**
- **Multiple web pages can make use of the same style sheet**
- Styles declared in an external style sheet will affect all matching elements on all web pages linked to same style sheet



# CSS: External Style Sheet

```
# style.css × <> sample6.html
Exercises > day2 > samplepages > # style.css >
1  p {
2    color: blue;
3  }
4
5  h1 {
6    font-style: italic;
7  }
```

style.css

*This is a Heading*

This is a paragraph.

```
# style.css <> sample6.html ×
Exercises > day2 > samplepages > <> sample6.html > ...
1  <!DOCTYPE html>
2  <html lang="en">
3
4  <head>
5    <title>Project Heartcode</title>
6    <link href="style.css" type="text/css" rel="stylesheet">
7  </head>
8
9  <body>
10   <h1>This is a Heading</h1>
11   <p>This is a paragraph.</p>
12 </body>
13
14 </html>
```

sample7.html

# CSS Syntax: Selector

## Type Selector (Element)

```
p {  
    color: blue;  
    text-align: center;  
    font-style: bold;  
}
```

```
h1, h2 {  
    color: blue;  
    text-align: left;  
}
```

## id Selector

```
#emphasis {  
    font-style: bold;  
}
```

### Usage:

```
<p id="emphasis">  
    This is a very important sentence  
</p>
```

# CSS Syntax: Selector

## Class Selector

```
.normal {  
    color: black;  
}
```

```
.center {  
    text-align: center;  
}
```

Usage:

```
<p class="normal"> Hello everyone</p>  
<p class="normal center"> This is a  
centralized hello everyone </p>
```

## Universal Selector (\*)

```
* {  
    font-style: bold;  
}
```

NOTE: Universal Selector will target all elements on the page

# Cascading

A browser processes all CSS code, including all three ways introduced earlier (inline, internal style sheet, external style sheet)

The following cascading precedence order is applied:

1. Inline Style has **first priority**
2. Internal Style Sheet has **second priority**
3. External Style Sheet has **third priority**
4. Web Browser default has **lowest priority**

# Conflict Resolving

## Inline Rule

```
<h1 style="color: blue" style="color: red;">
Hello World!</h1>
```

For inline style, **first one** applies

## Last Rules

```
p {
  color: blue;
}

p {
  color: red;
}
```

If two selectors are identical, the **latter of the two will take precedence**

## Specificity

```
* {
  font-family: Arial;
}

h1 {
  font-family: 'Times New Roman';
}
```

The **more specific rule will take precedence** over more generic ones

## Important

```
p {
  color: blue !important;
}

p {
  color: red;
}
```

You can **add !important** after any property that should be considered more important than other rules

# CSS: Properties

- In CSS, there are many properties to alter the style of an element

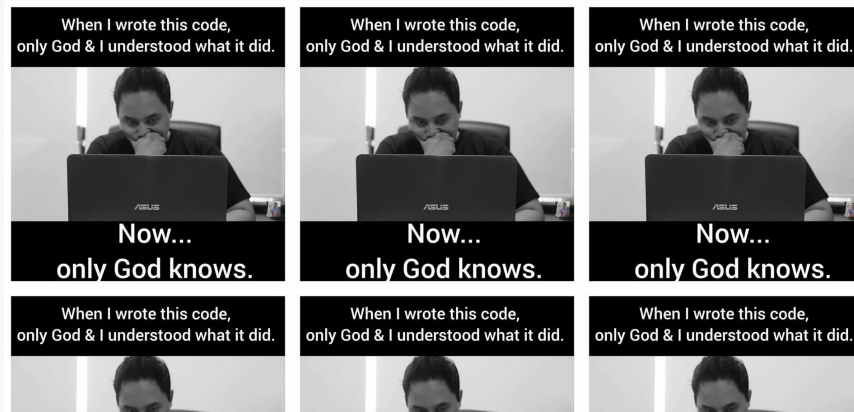
<https://www.w3schools.com/cssref/>

```
.card {  
  font-size: 18px;  
  width: 250px;  
  background: #fff;  
  position: relative;  
  letter-spacing: 1px;  
  height: 350px;  
  border: 1px solid #eee;  
  font-weight: 500;  
  padding: 10px;  
  color: #111;  
  margin: 5px 10px;  
  line-height: 20px;  
  border-radius: 5px;  
  transition: transform(5px);  
  text-align: left;  
  box-shadow: 5px 10px 18px #888888;  
  font-family: 'Roboto', sans-serif;  
  display: flex;  
}
```

# CSS: Background Image

```
<style>
  body {
    background-image: url("../images/image1.jpg");
  }
</style>
```

```
<style>
  body {
    background-image: url("../images/image1.jpg");
    background-size: cover;
  }
</style>
```



When I wrote this code,  
only God & I understood what it did.

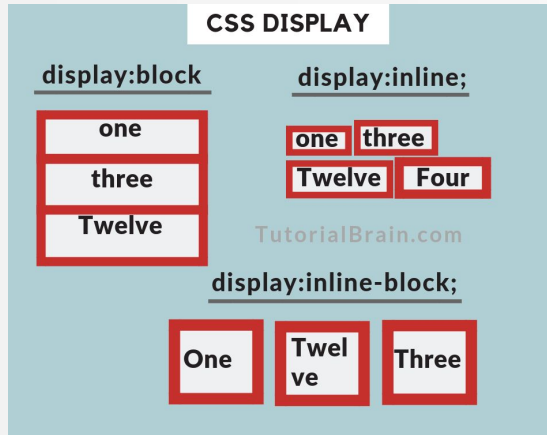




# CSS: Properties

## CSS Display Properties

Specifies how an element is displayed with respect to other elements. Every HTML element has a default display value.



**block:** displayed on a new line

**inline:** displayed inline with the previous element

**none:** hidden (used with JavaScript to hide/show elements depending on logic)


# CSS: Properties

## CSS Font Properties

**Font-family** – dictates which font to use (e.g. Arial, Times New Roman)

**Font-style** – dictates which style to use (e.g. bold, italic)

**Font-size** – dictates which size the font is displayed (e.g. 16px)

CSS Font Property 		
Font	Syntax	Example
font color	font-color: Blue	A
font size	font-size: 48px;	A
font weight	font-weight: lighter;	A
font family	font-family: Noto Sans	A
font style	font_style: italic	A
font spacing	letter-spacing: 5px	A B

## CSS Background Properties

**Background-color** – color of background

**Background-image** – insert image as background

**Background-attachment** – sets whether the background is fixed or scrolls with the page

**Background-repeat** – how many times you want the background to repeat

# CSS: Design

- **Pixels** – px (font and images)
- **Unit relative to its parent element** – em (fonts)
- **Unit relative to HTML document** – rem (fonts)

```
<ol>  
  <li style="font-size: 16px;">Pixels</li>  
  <li style="font-size: 2em;">em</li>  
  <li style="font-size: 2rem;">rem</li>  
</ol>
```

1. Pixels
2. em
3. rem

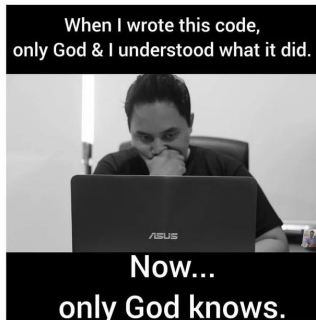
# CSS: Design

- **Viewport HEIGHT** - vh (images)
- **Viewport WIDTH** - vw (images)
- **Percentage (relative to parent)** - % (images)

```
<style>
  img {
    height: 100%;
  }
</style>
</head>

<body>
  
</body>

</html>
```



# CSS: Design

- **Viewport HEIGHT** - vh (images)
- **Viewport WIDTH** - vw (images)
- **Percentage (relative to parent)** - % (images)

```
<style>
  img {
    height: 100vh;
  }
</style>
</head>

<body>
  
</body>
```

When I wrote this code,  
only God & I understood what it did.



Now...  
only God knows.

# Exercise 1 – CSS Introduction



## Welcome to Project Heartcode!

### Objectives of Project Heartcode

- Raise Awareness about Mental Health
- Learn to code

### Outline of the Workshop

- Day 2
  - 1. HTML
  - 2. CSS
- Day 3
  - Bootstrap
- Day 4
  - 1. JavaScript
  - 2. Github
- Day 5
  - Code your own website

[Click here to find out more!](#)

border: solid blue  
background: lightblue  
width: 20em  
list style type: circle  
font size: 1.25em

border: double red  
background: lightcoral  
width: 20em  
font size: 1.25em

days – bolded  
sub points – lower-roman

PROJECT  
heartcode

Welcome to Project Heartcode!

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[Click here to find out more!](#)

red, italics

Bold, 1.5 rem,  
purple, underline

font size: 1.5rem  
on hover: purple

Using either **Internal Style Sheet** / **External Style Sheet**

# The Box Model



- In CSS, every HTML element is a box
- A box consist of: the **content**, the **padding**, the **border**, and the **margin**
- Every part of the box can be decorated through CSS



# The Box Model

## Margin

An area outside the border, margin is transparent

## Border

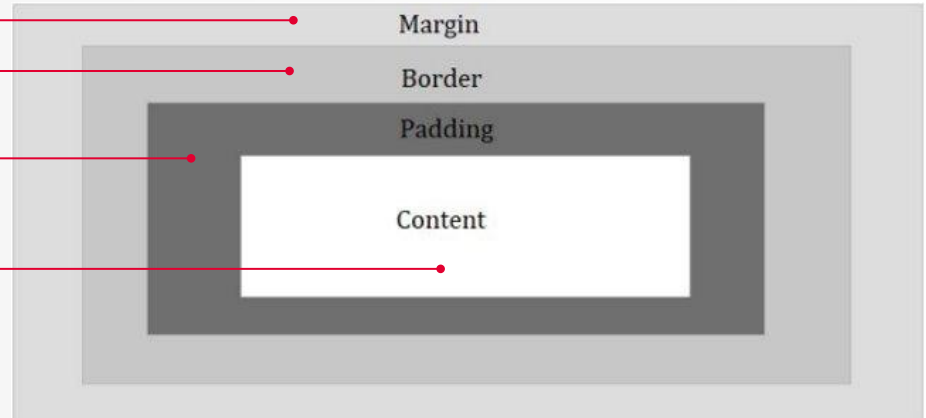
Border that goes around the padding and content

## Padding

Area around the content and inside the border; padding is transparent

## Content

Text / images



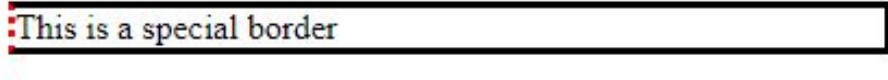


# Decorating Border

Make use of the following properties to specifically style the left, right, top or bottom of a border separately:

- border-left
- border-right
- border-top
- border-bottom

```
.centerdiv3 {  
  width: 400px;  
  margin: auto;  
  border: 3px solid black;  
  border-left: 3px dotted red;  
}
```



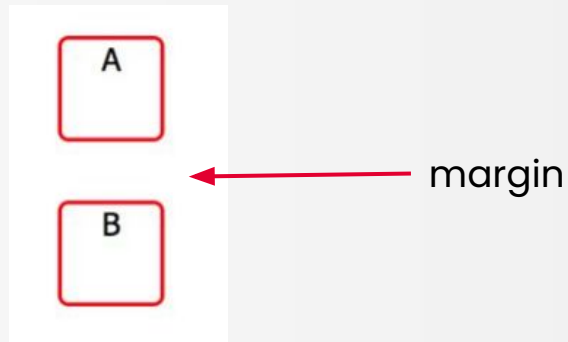
This is a special border

# Decorating Margin

Make use of the following properties to create space around an element's content, outside of its border

- margin-left
- margin-right
- margin-top
- margin-bottom

```
.box {  
  text-align: center;  
  width: 150px;  
  height: 150px;  
  border-radius: 10%  
  border: 2px solid red;  
  margin-top: 30px;  
  margin-bottom: 30px;  
  margin-right: 50px;  
  margin-left: 50px;  
}
```

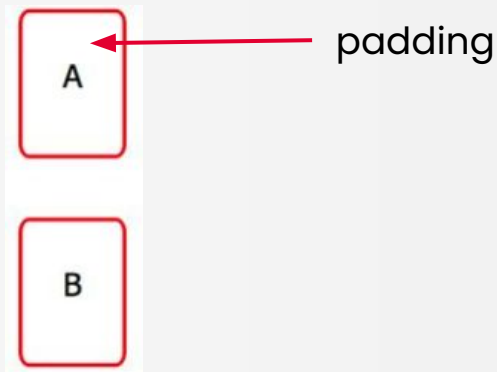


# Decorating Padding

Use the following properties to generate space around an element's content, inside the border (padding)

- padding-top
- padding-right
- padding-bottom
- padding-left

```
.box {  
  text-align: center;  
  width: 150px;  
  height: 150px;  
  border-radius: 10%  
  border: 2px solid red;  
  padding-top: 22px;  
}
```



# Decorating

Additionally, property values can be specified using the following:

- **auto** – horizontally center the element within its container
- **length** – specifies a margin in px, pt, cm, etc.
- **%** - specifies a margin in % of the width of the containing element
- **inherit** – specifies that the margin should be inherited from the parent element

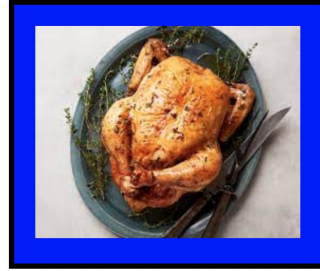
```
.box {  
    text-align: center;  
    width: 150px;  
    height: 150px;  
    border-radius: 10%  
    border: 2px solid red;  
    /* top right bottom left */  
    margin: 30px 50px 30px 50px;  
}
```

# Exercise 2 – Border, Margin, Padding

Modify the internal style sheet of ex4.html so that it looks something like the image at the right

Images are given in the file

**HINT: Make use of margin & padding**



# Exercise 3 – Decorate a Page



**HINTS:**  
**Font:** Arial  
**Alignments:** center  
**Table:** dashed

## I love Project Heartcode

**Project HeartCode** is a community service project organised by Singapore Management University, School of Computing and Information Systems.

## What did i learn from today's workshop?

1. **HTML** - [HTML Guide from W3Schools](#)
2. **CSS** - [CSS Guide from W3Schools](#)

## Our Workshop Timetable for Today

Timetable		
HTML	1000 - 1300	✓
Lunch	1300 - 1400	✓
CSS	1400 - 1700	✓

# wooclap



**<https://wooclap.com>**  
**HEARTCODE1**

# Key Takeaways

1. **HTML** for content; **CSS** for style
2. **3** Types of CSS – **Inline CSS**, **Internal Style Sheet**, **External Style Sheet**
3. **Internal Style Sheet** applies to **one page**; **External Style Sheet** applies to **all linked pages**
4. A style sheet is a set of rules of the form:  
**selector { property: value; }**



# Thank You!

**Do you have any questions?**

