



Getting Started With Your Web Development Journey

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Know Your Speaker

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What are we going to do today?

- Learn about HTML
- Create the basic structure for our webpage
- Learn about CSS
- Position the elements of our page
- ↓↓(If time permits)↓↓
- Use JavaScript basics: Variables, functions, and operators
- Select HTML elements with JavaScript

HTML

Hyper Text Markup Language

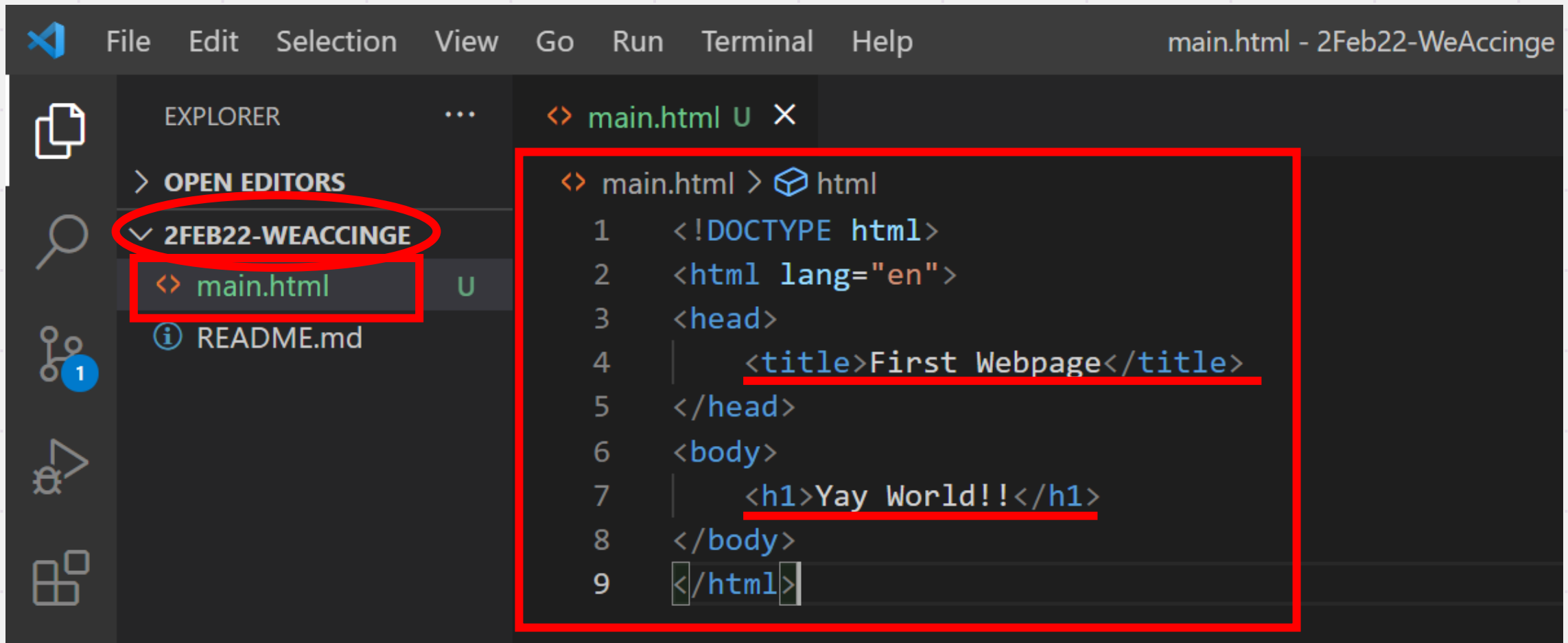
text that can jump from
one point to the other

way to structure
content

language

- Language that structures content.
- Tells browser how to display the content and in what order.

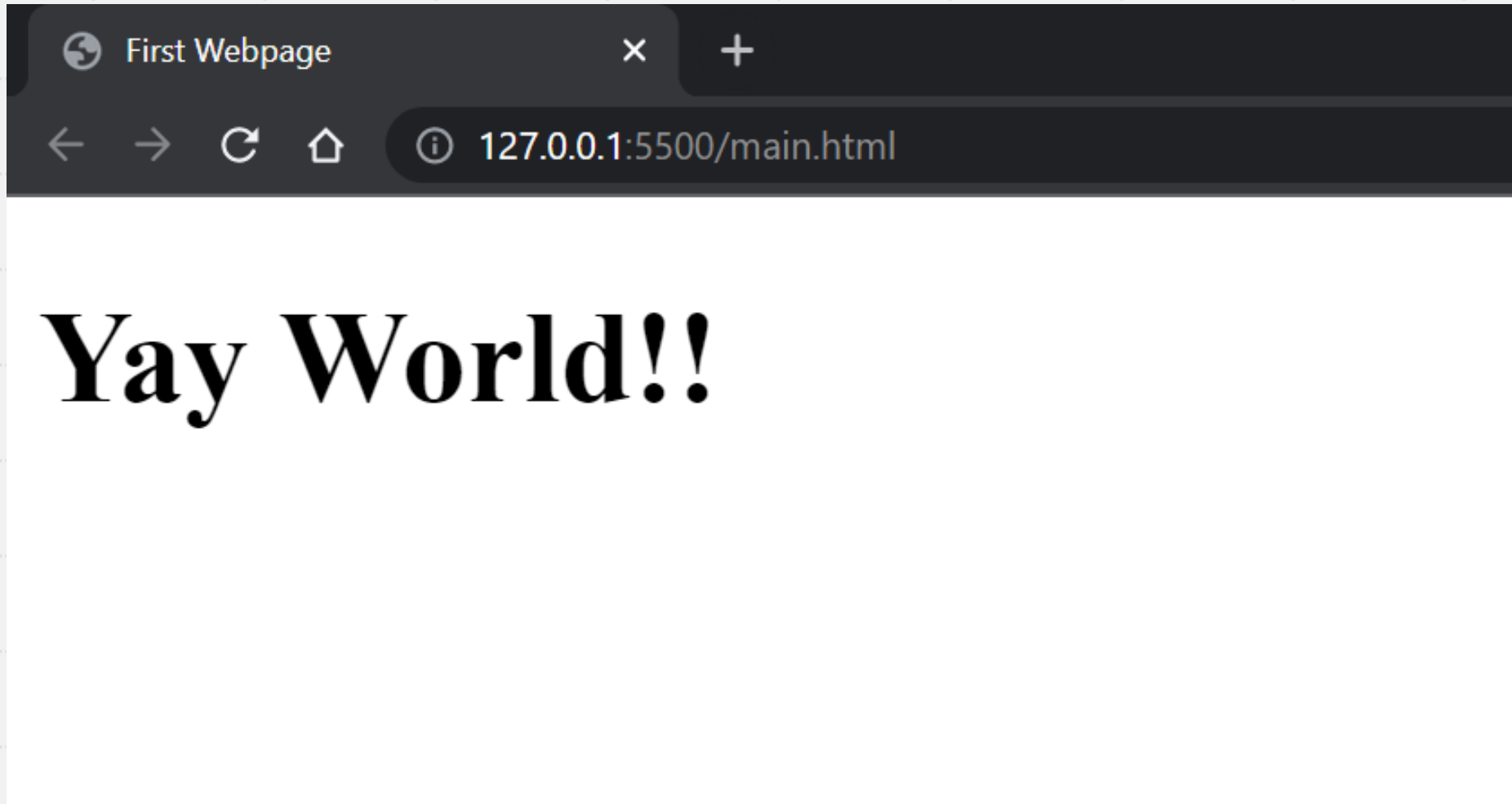
Create the basic structure for our webpage



The screenshot shows the Visual Studio Code interface. The Explorer sidebar on the left displays the file structure with a folder named '2FEB22-WEACCI' and a file named 'main.html'. The main editor area shows the content of 'main.html', which is a basic HTML document structure. The code is as follows:

```
<> main.html > html
1  <!DOCTYPE html>
2  <html lang="en">
3  <head>
4  |   <title>First Webpage</title>
5  </head>
6  <body>
7  |   <h1>Yay World!!</h1>
8  </body>
9  </html>
```

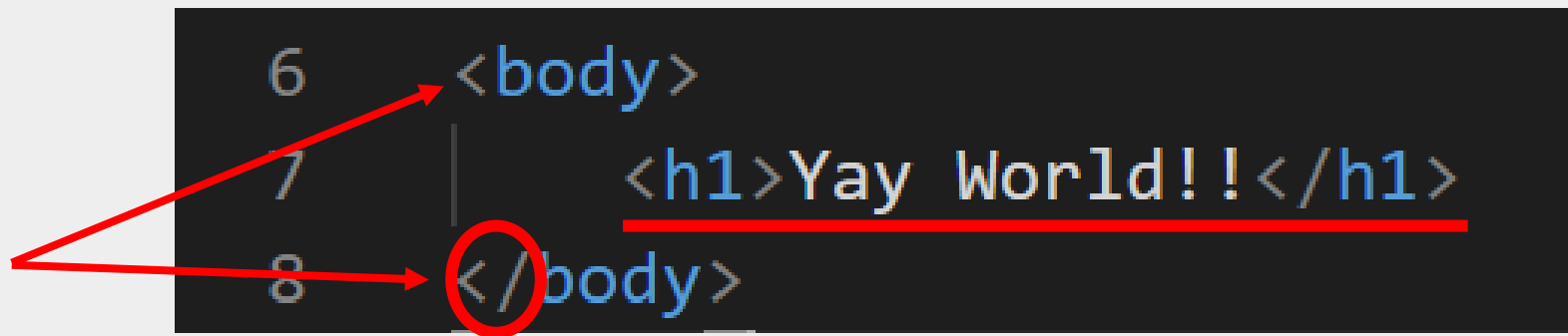
Result



Element tags

- An individual piece of a webpage.
- Every HTML element has HTML tags.
- General format:

<element_name>content</element_name>



```
6 <body>  
7 | <h1>Yay World!!</h1>  
8 </body>
```


The diagram shows an HTML code snippet on a dark background. Line 6 contains the opening tag `<body>`. Line 7 contains the content `<h1>Yay World!!</h1>`, which is underlined with a red line. Line 8 contains the closing tag `</body>`, where the opening slash `</` is circled in red. Red arrows point from a common point on the left to the opening tag on line 6 and the closing tag on line 8, illustrating the structure of the element.

Let's jump to code 😊


Writing CSS

```
# main.css >  h3
```

Element selector

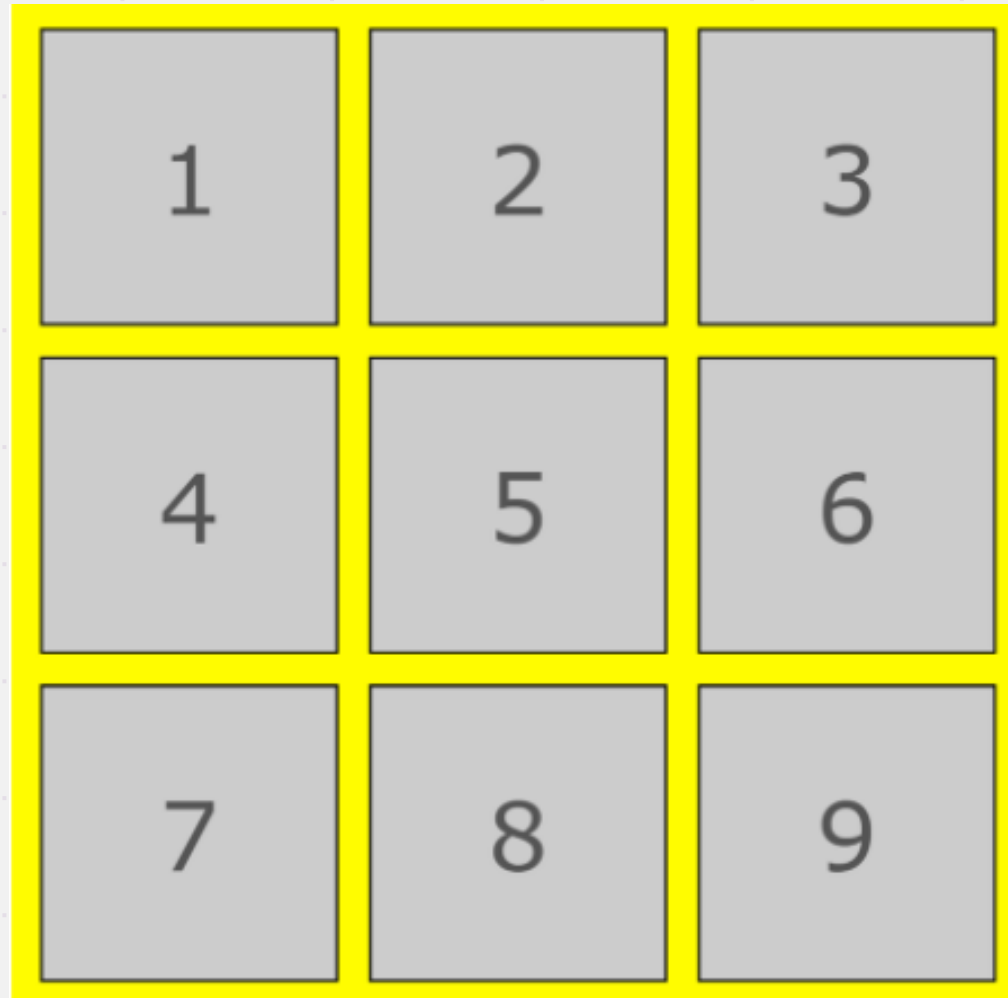
```
1  h3 {  
2      color:  red;  
3      font-weight: bold;  
4  }
```

Writing CSS

```
6  ✓ .quote-me{ ← Class selector
7      color:  rgb(61, 126, 90);
8      font-weight: bold;
9  }
```


Let's jump to code 😊

CSS Grids



Mobile Responsive

- **Media query** is a conditional block of CSS code.
- Runs the CSS code inside if the condition in the media query is met.
- Starts with **@media**



```
14 ④ @media (min-width: 600px) {  
15    .grid-demo {  
16      grid-template-columns: 50% 50%;  
17    }  
18  }  
19  
20 ④ @media (min-width: 900px) {  
21    .grid-demo {  
22      grid-template-columns: 1fr 1fr 1fr;  
23    }  
24  }
```

Let's jump to code 😊

Resources

- <https://github.com/wbhoomika/2Feb22-WeAccinge>
- <https://developer.mozilla.org/en-US/>



[linkedin.com/bhoomikawavhal](https://www.linkedin.com/bhoomikawavhal)



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Thank you for your time 😊

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