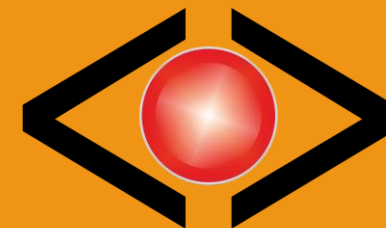# HTML-1 / CLASS-2
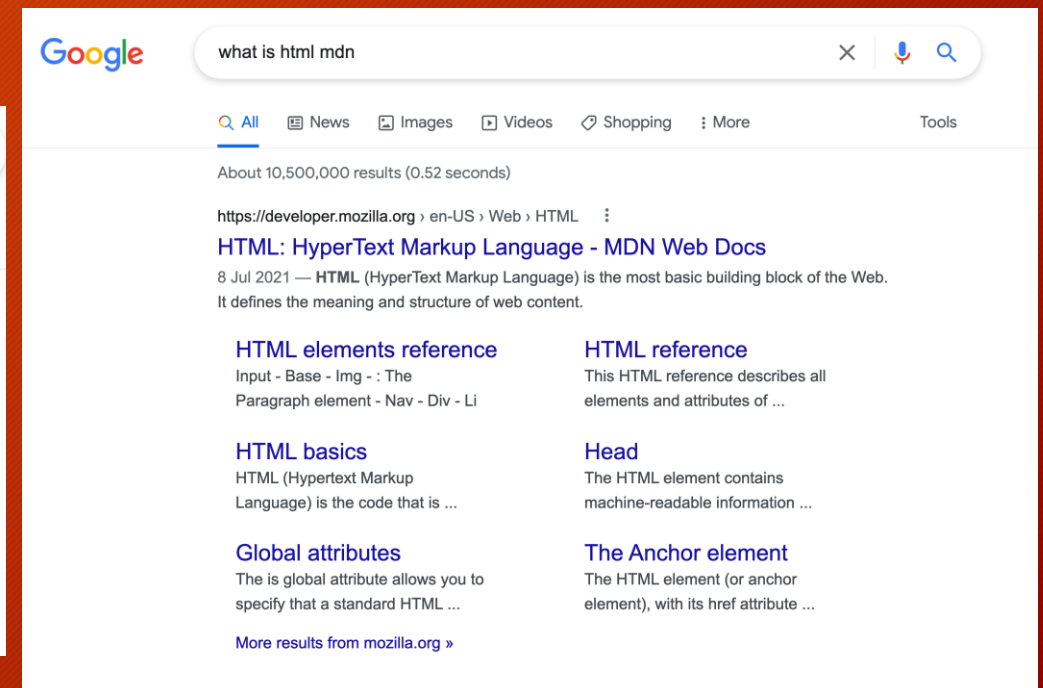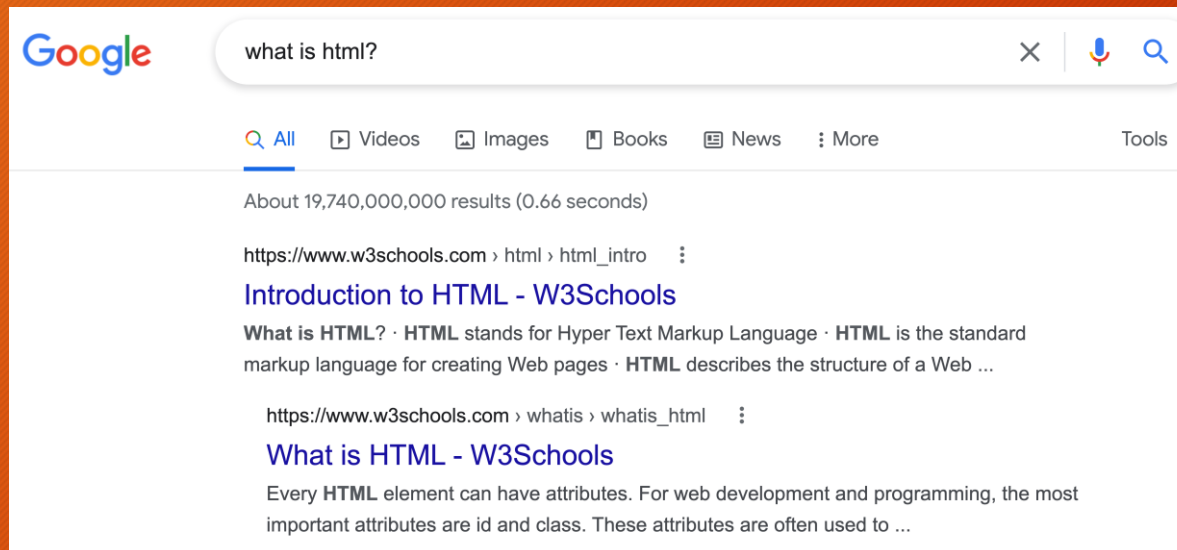
How to find answers in coding?

- The best way to have your answers is search in MDN
  - MDN

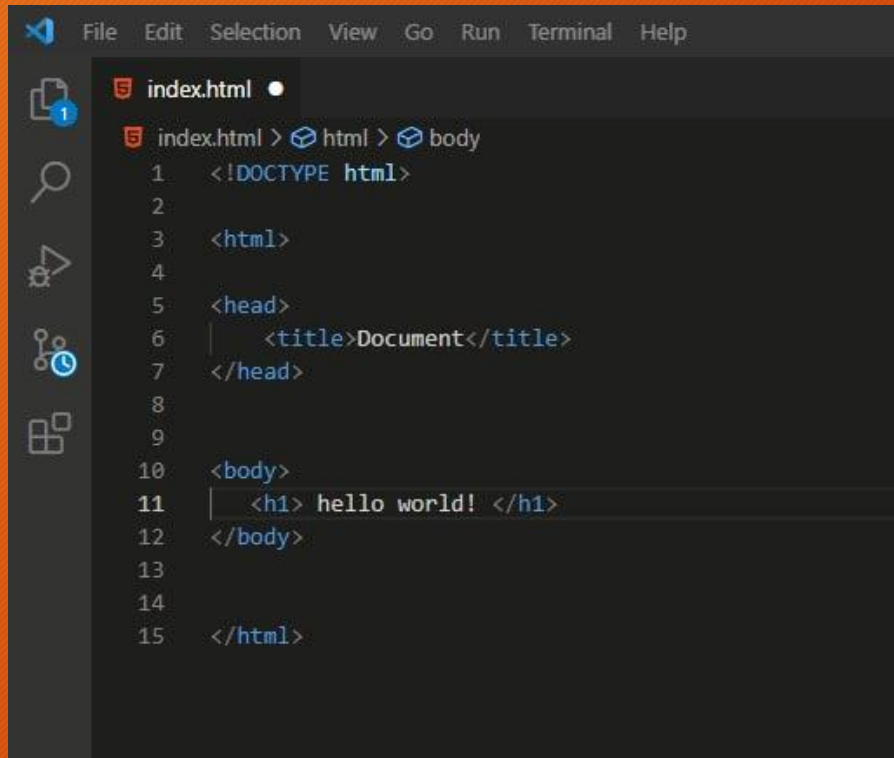- We suggest DO NOT use w3schools.

What is HTML?

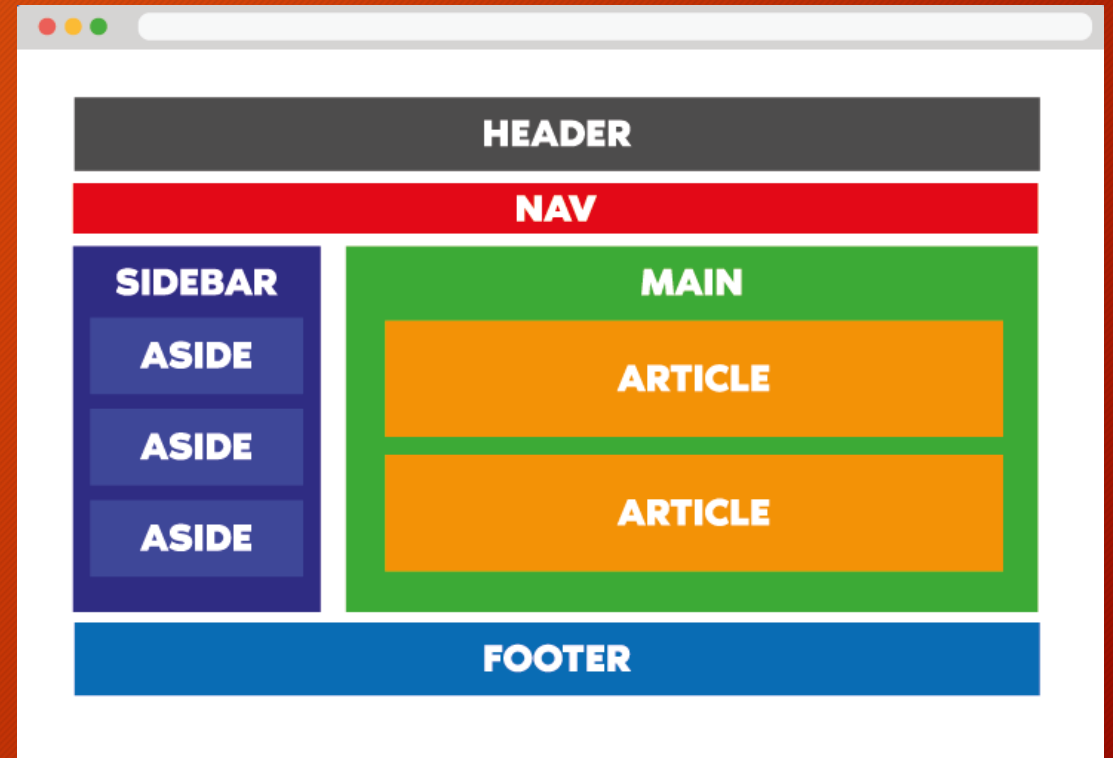**HTML** stands for **H**yper**T**ext **M**arkup **L**anguage:

- **HyperText** means that it uses the HTTP part of the Internet

- **Markup** means the code you write is annotated with keywords

- **Language** means it can be read by both a human and a computer
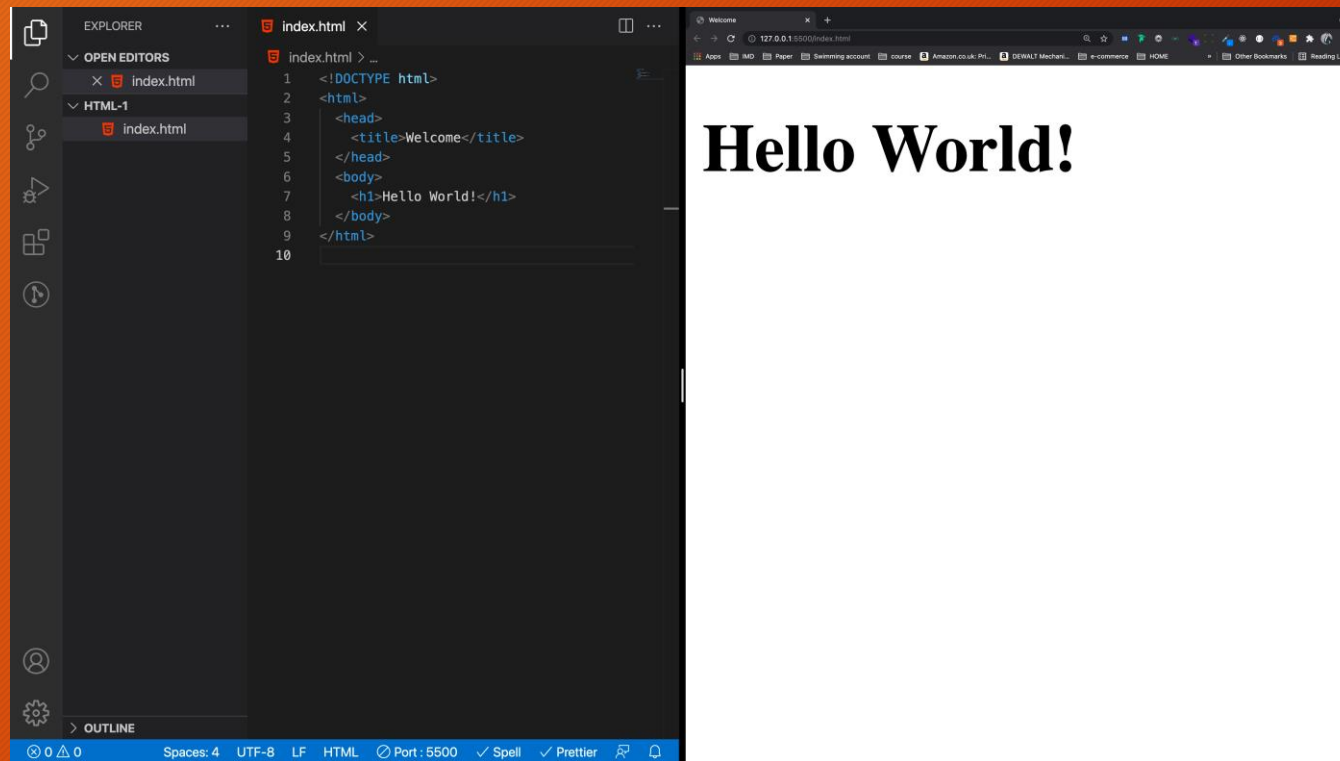
- more information

Head, Body, Metadata

HEADER

Hello World!

1. Open your VS Code editor
2. Create a file ('index.html')
3. Use boilerplate to have a template of HTML
4. Inside the body:
   - Make a <h1> Hello world! </h1>
5. Right click on your index.html
6. Run it with live server
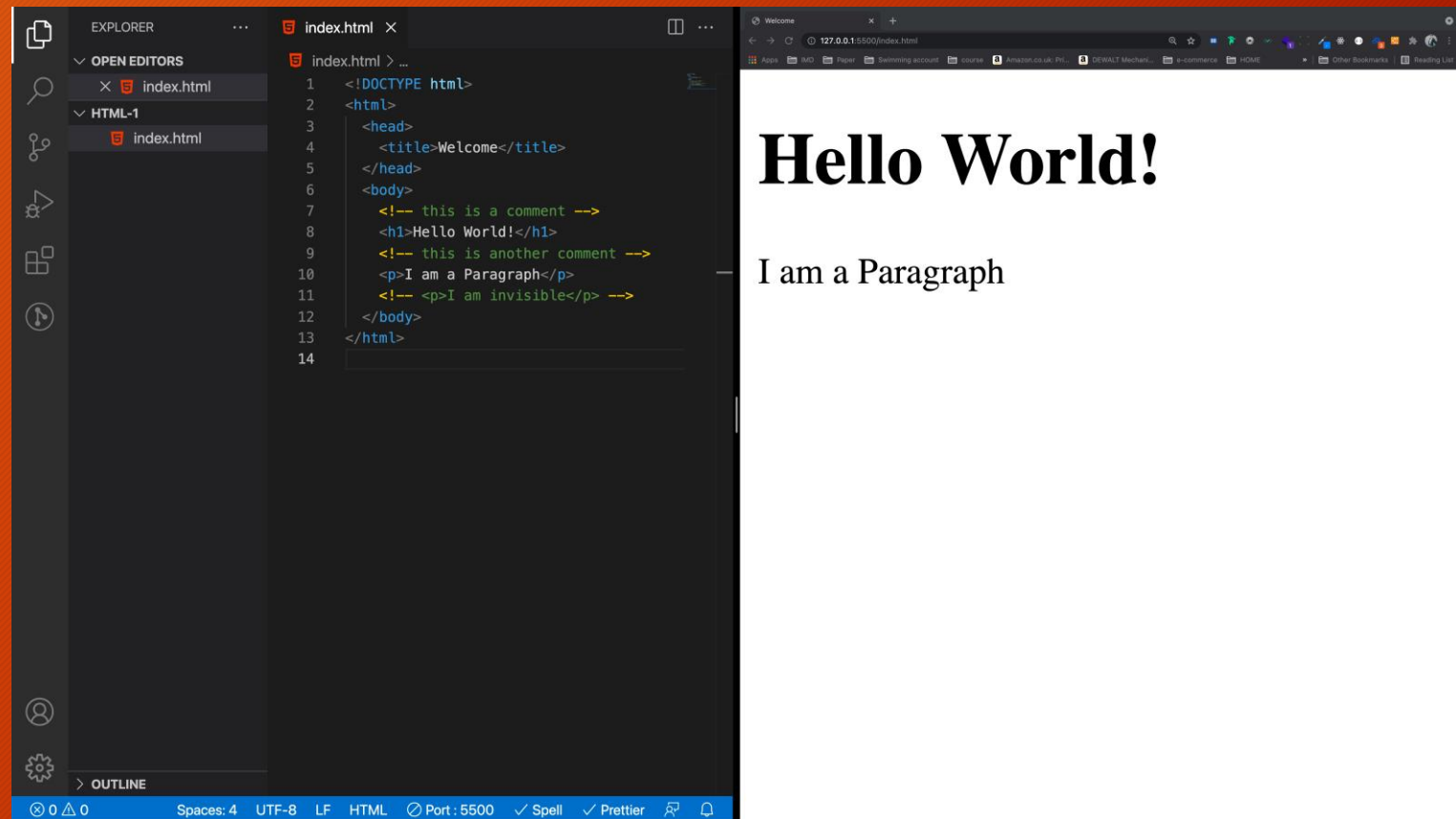   - Do you remember where live server came from?

Result

Comment and Paragraph(<p></p>)

- To add a paragraph use p tag

- To comment you should wrap your codes in <!-- your comment -->
  - You can use ctrl + / to comment as well

quiz

Please use a header and paragraph tag to write your name and one of your hobbies.

Image tag

- It is a self closing tag!!!
- src
- alt

```
index.html
index.html > ...
1  <!DOCTYPE html>
2  <html>
3    <head>
4      <title>Welcome</title>
5    </head>
6    <body>
7      <!-- this is a comment -->
8      <h1>Hello World!</h1>
9      <!-- this is another comment -->
10     <p>I am a Paragraph</p>
11     <!-- <p>I am invisible</p> -->
12     <img src="https://bit.ly/fcc-relaxing-cat" alt="relaxing-cat" />
13   </body>
14 </html>
15
```
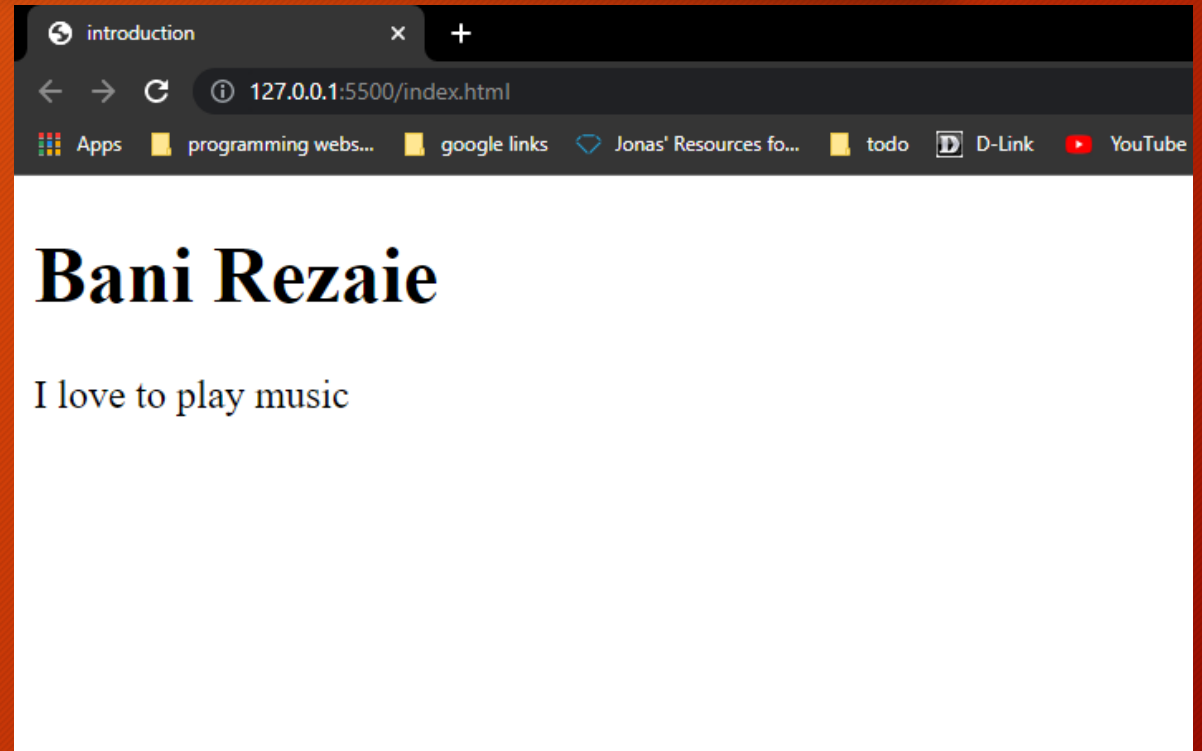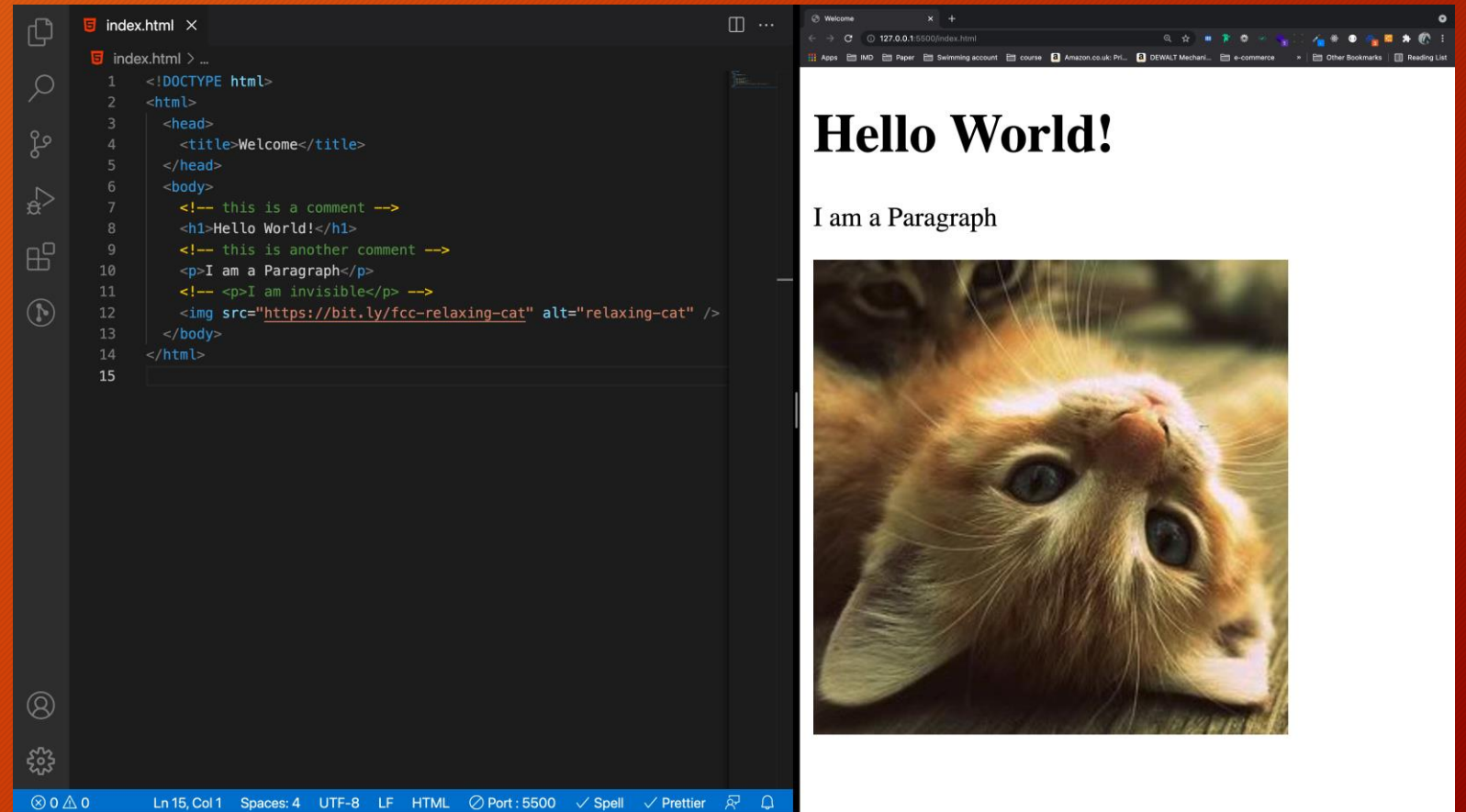
Hello World!

I am a Paragraph

Make a list

- Unordered list
- Ordered list

QUIZ

Create a list of images

Should it be an ordered list or an unordered list? Why?

Anchor

- creates a hyperlink to web pages, files, email addresses, locations in the same page, or anything else a URL can address.

- External link

- Dead link

- Refresh

Internal link

- What is ID?
  - must be unique in the whole document

- Internal link
  - Its purpose is to identify the element when linking

Input

- MDN input documentary
- Text
- Checkbox
- Radio
- Email
- Password
- Date

```
<input type="text">
```
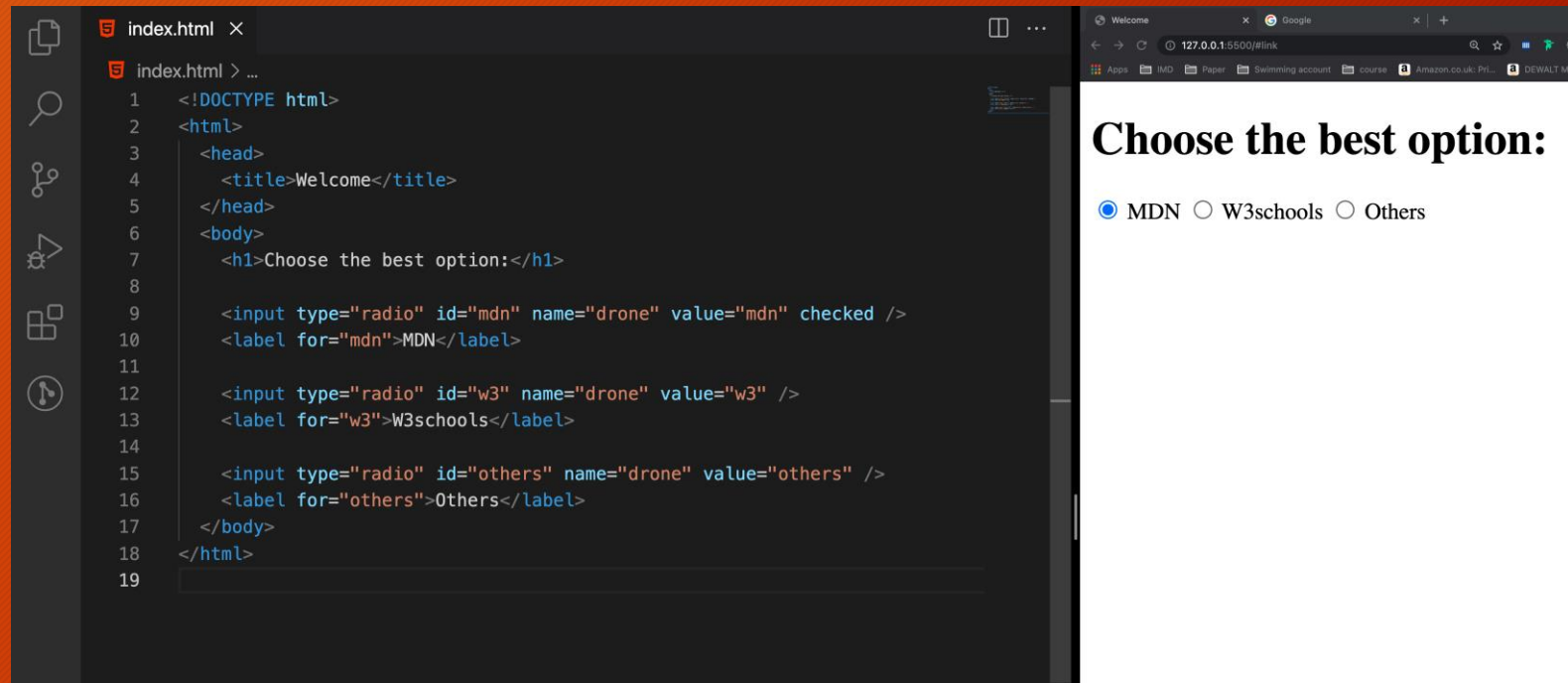
Label

- for

- id

- value

  Hint:

- "for" should be same as "id"

- It says which one has been clicked

- The value is what you send to server


```
1   <!DOCTYPE html>
2   <html>
3       <head>
4           <title>Welcome</title>
5       </head>
6       <body>
7           <h1>Choose the best option:</h1>
8
9           <input type="radio" id="mdn" name="drone" value="mdn" checked />
10          <label for="mdn">MDN</label>
11
12          <input type="radio" id="w3" name="drone" value="w3" />
13          <label for="w3">W3schools</label>
14
15          <input type="radio" id="others" name="drone" value="others" />
16          <label for="others">Others</label>
17      </body>
18  </html>
19
```

Choose the best option:

⦿ MDN   ◯ W3schools   ◯ Others

Div

- BAD PRACTICE
- Use Semantic HTML instead of div
- HTML5 brings Semantic HTML
- Div is awful for SEO (Search Engine Optimization)

```html
<!DOCTYPE html>
<html>
  <head>
    <title>Welcome</title>
  </head>
  <body>
    <button>Click me</button>
  </body>
</html>
```

Button

- used to submit forms or anywhere in a document for accessible, standard button functionality.

Select / Option

```html
<!DOCTYPE html>
<html>
  <head>
    <title>Welcome</title>
  </head>
  <body>
    <!-- <p>example from MDN Web Docs</p> -->
    <label for="pet-select">Choose a pet:</label>

    <select name="pets" id="pet-select">
      <option value="">--Please choose an option--</option>
      <option value="dog">Dog</option>
      <option value="cat">Cat</option>
      <option value="hamster">Hamster</option>
      <option value="parrot">Parrot</option>
      <option value="spider">Spider</option>
      <option value="goldfish">Goldfish</option>
    </select>
  </body>
</html>
```

Choose a pet:

--Please choose an option-- ⌄

Choose a pet:

✓ --Please choose an option--
Dog
Cat
Hamster
Parrot
Spider
Goldfish

Further learning

-
-
- </hr>
- </br>

Thanks for listening, APS