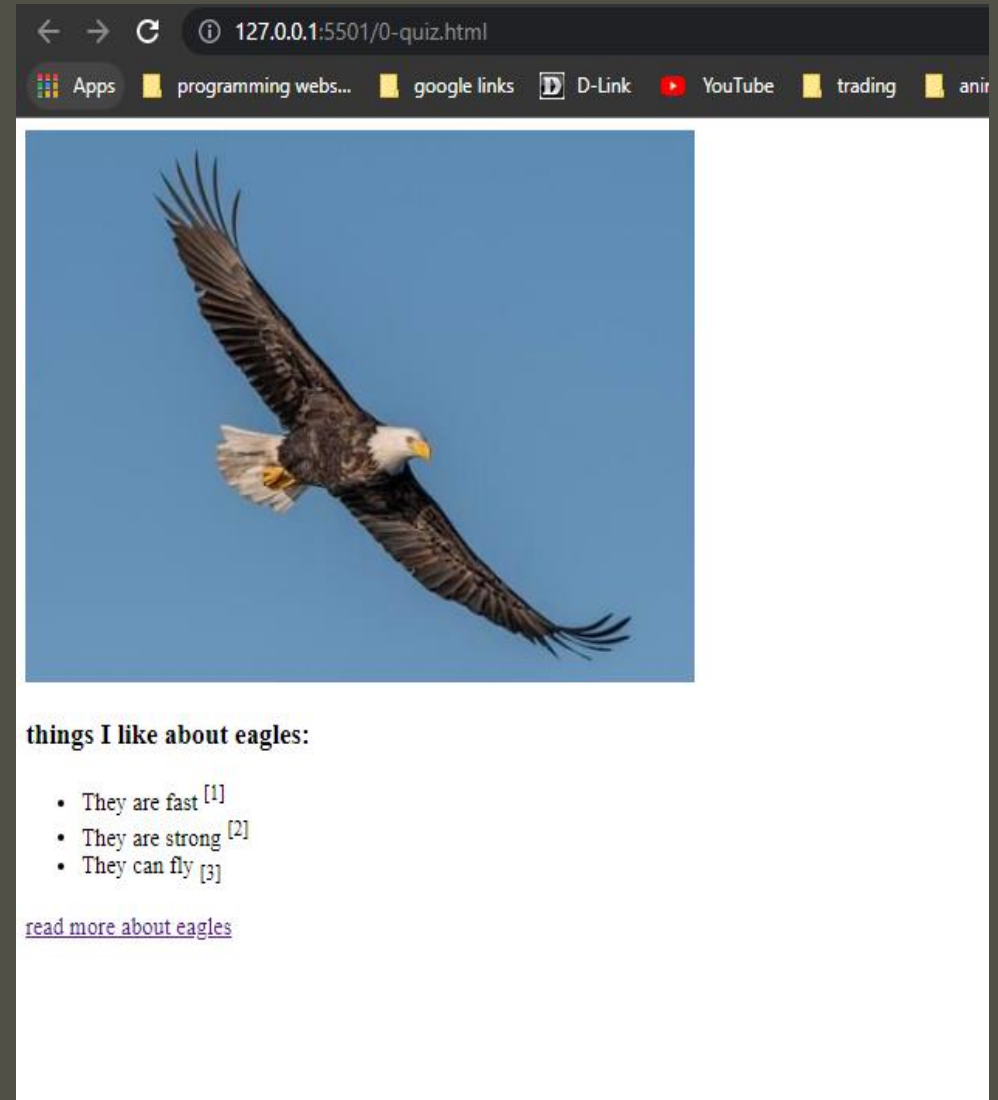


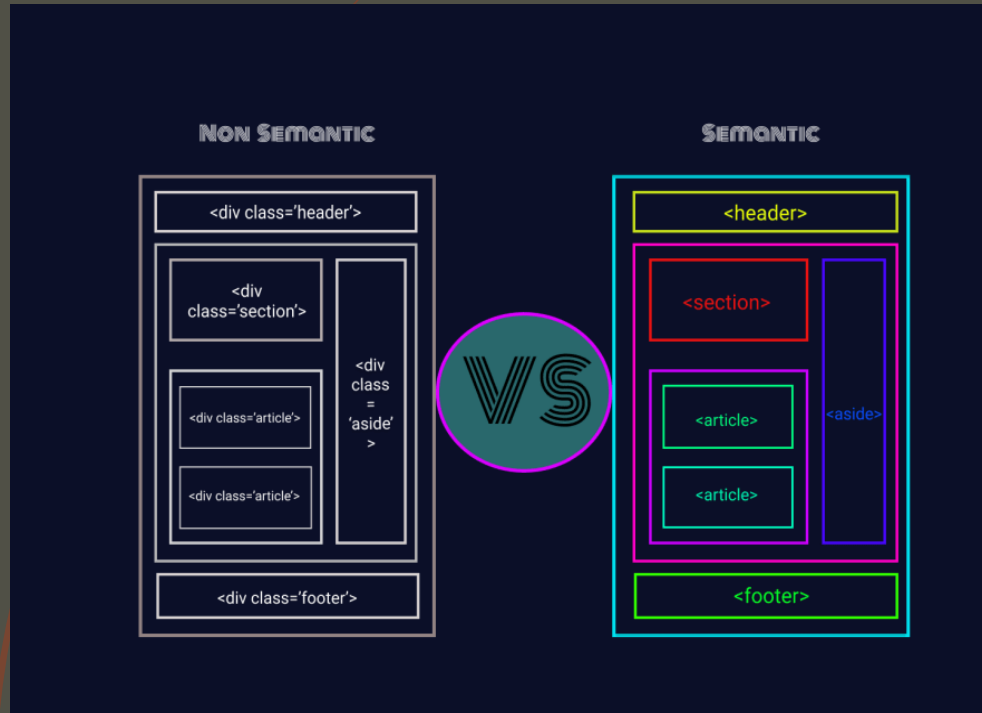
Html-2_{nd} / CLASS-2

quiz

- Please open your code editor and make this page.
- (You can choose any of your favorite animals)



Why semantic HTML is important?



Who knows what
is bad practice? 😊

- Search engines will consider its contents as important keywords to influence the page's search rankings (see [SEO](#))
- Finding blocks of meaningful code is significantly easier than searching through endless divs!
- Semantic suggests to the developer the type of data that will be populated

<body>

Logo

<nav>

Primary nav

Primary nav

Primary nav

Primary nav

<header>

Search

Submit

<nav>

Secondary nav

Secondary nav

Secondary nav

Secondary nav

Secondary nav

Main article heading

<article>

Lorem ipsum dolor sit amet, consectetur adipiscing elit. Quae sunt igitur communia vobis cum antiquis, iis sic utamur quasi concessis; Nihil acciderat ei, quod nollet, nisi quod anulum, quo delectabatur, in mari abiecerat. Unum est sine dolore esse, alterum cum voluptate. Laboro autem non sine causa; Theophrasti igitur, inquit, tibi liber ille placet de beata vita? Nihil opus est exemplis hoc facere longius. Duo Reges constructio interrete. Graecum enim hunc versum nostis omnes Suavis laborum est praeteritorum memoria. Haec et tu ita posuisti, et verba vestra sunt.

Article secondary heading

Nos commodius agimus. A mene tu? Tantum dico, magis fuisse vestrum agere Epicuri diem natalem, quam illius testamento cavere ut ageretur. Tenesne igitur, inquam, Hieronymus Rhodius quid dicat esse summum bonum, quo putet omnia referri oportere? Nihilo beatiorem esse Metellum quam Regulum. Sed quanta sit alias, nunc tantum possitne esse tanta. Philosophi autem in suis lectulis plerumque moriuntur. Esse enim, nisi eris, non potes.

Sunt enim quasi prima elementa naturae, quibus ubertas orationis adhiberi vix potest, nec equidem eam cogito consecrari. Id Sextilius factum negabat. Quorum sine causa fieri nihil putandum est. Quae autem natura suae primae institutionis oblita est?

<main>

Share

- [Facebook](#)
- [Twitter](#)
- [Email](#)

<section>

Recommended

<article>

Related article

Article description

Related article

Article description

<article>

<section>

<aside>

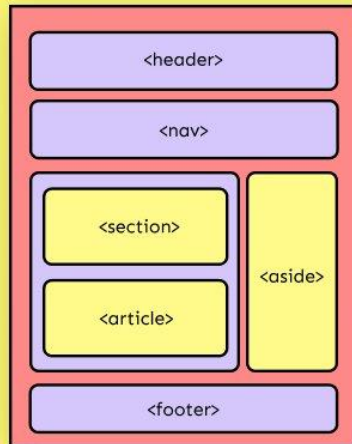
<footer>

Footer link Footer link Footer link Footer link Footer link

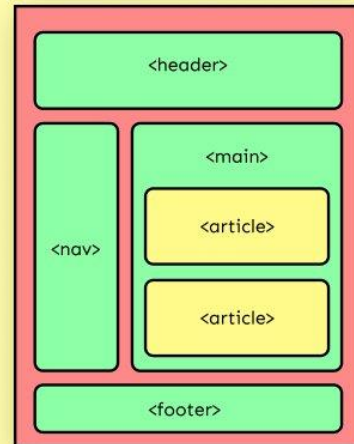
Semantics

In Programming, Semantics Refers To The *Meaning* Of A Piece Of Code ([MDN](#))

SEMANTIC ELEMENTS IN HTML



SEMANTIC BLOG STRUCTURE



Two different
semantic HTML

Can you tell what
is the difference? 😊

1. <header>

2. <nav>

3. <main>

4. <section>

5. <aside>

6. <article>

7. <footer>

8. <time>

9. <mark>

10. And so on...

Semantic
HTML

Figure & FigCaption (MDN)

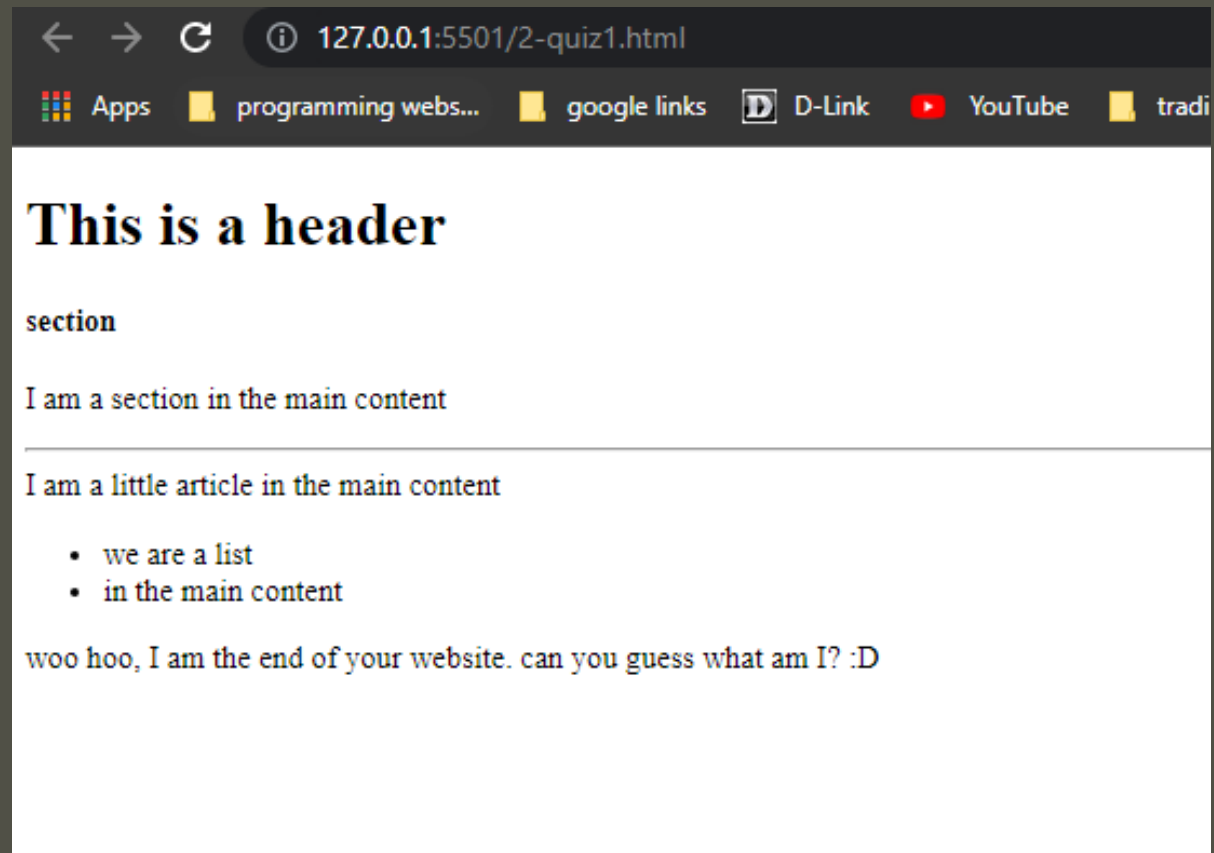
The **<figure>** HTML element represents self-contained content, potentially with an optional caption, which is specified using the **<figcaption>** element. The figure, its caption, and its contents are referenced as a single unit.



Let's see it in the code editor!

quiz

Can you make this with semantic HTML tags?



Tables

- The `<table>` HTML element represents tabular data.
- it presented in a two-dimensional table comprised of rows and columns of cells containing data.

Column 1	Column 2	Column 3
Row 1 Cell 1	Row 1 Cell 2	Row 1 Cell 3
	Row 2 Cell 2	Row 2 Cell 3
Row 3 Cell 1		

thead , tbody , tfoot

➤ <thead>

➤ <tbody>

➤ <tfoot>

<table>

<thead></thead>

<tbody></tbody>

<tfoot></tfoot>

</table>

<tr>, <th>, <td>

<table>		
<thead>	<tr>	<th></th> <th></th> <th></th> </tr>
</thead>		
<tbody>	<tr>	<td></td> <td></td> <td></td> </tr>
	<tr>	<td></td> <td></td> <td></td> </tr>
	<tr>	<td></td> <td></td> <td></td> </tr>
<tfoot>	<tr>	<td></td> <td></td> <td></td> </tr>
</tfoot>		
</table>		

rowspan & colspan

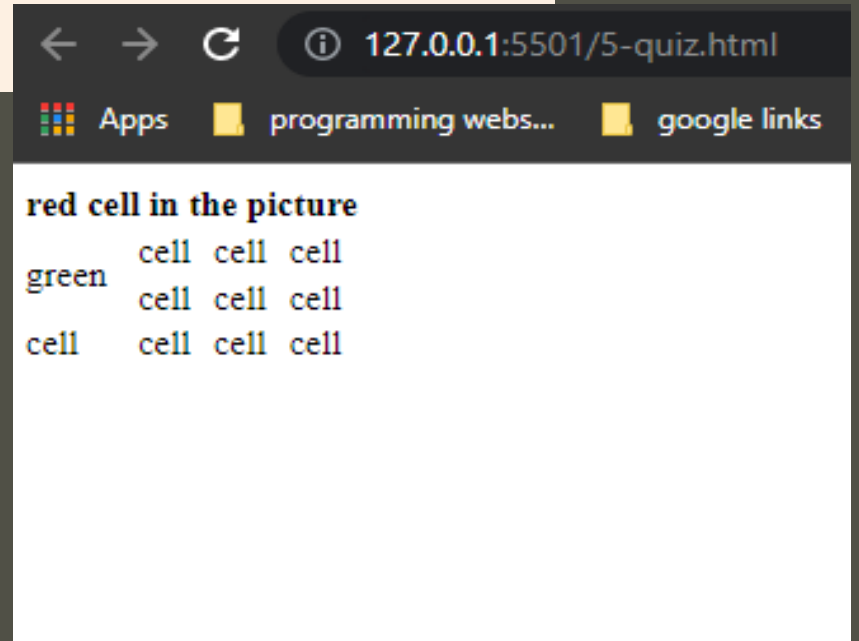
- ▶ You can use **rowspan** and **colspan** to merge your tables' cells.

<table>		
<thead> <tr> <th></th> <th></th> <th></th> <tr> </thead>		
<tbody> <tr> colspan="3" </tr>		
<tr> <td></td> <td></td> rowspan="2" </tr>		
<tfoot> <tr> <td></td> <td></td> </tr> </tfoot>		
</table>		

quiz

- ▶ Can you make a table with this structure?
 - ▶ You can write anything you want in each cell!

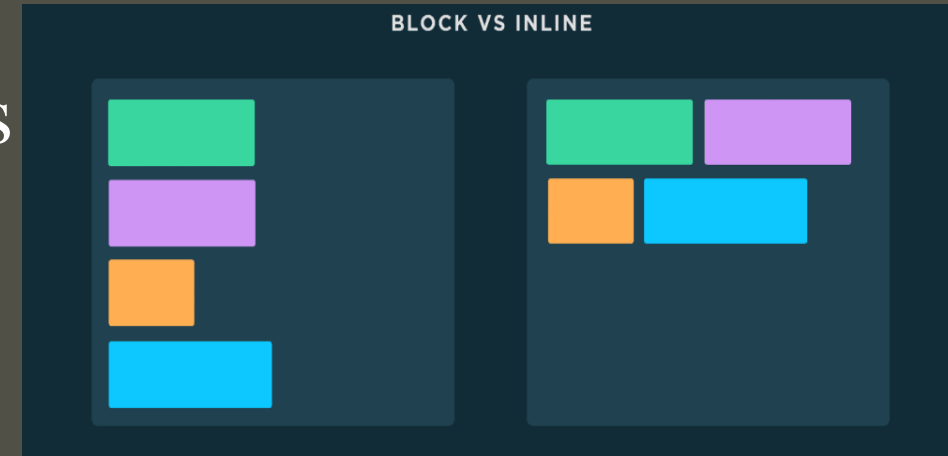
red			
green			



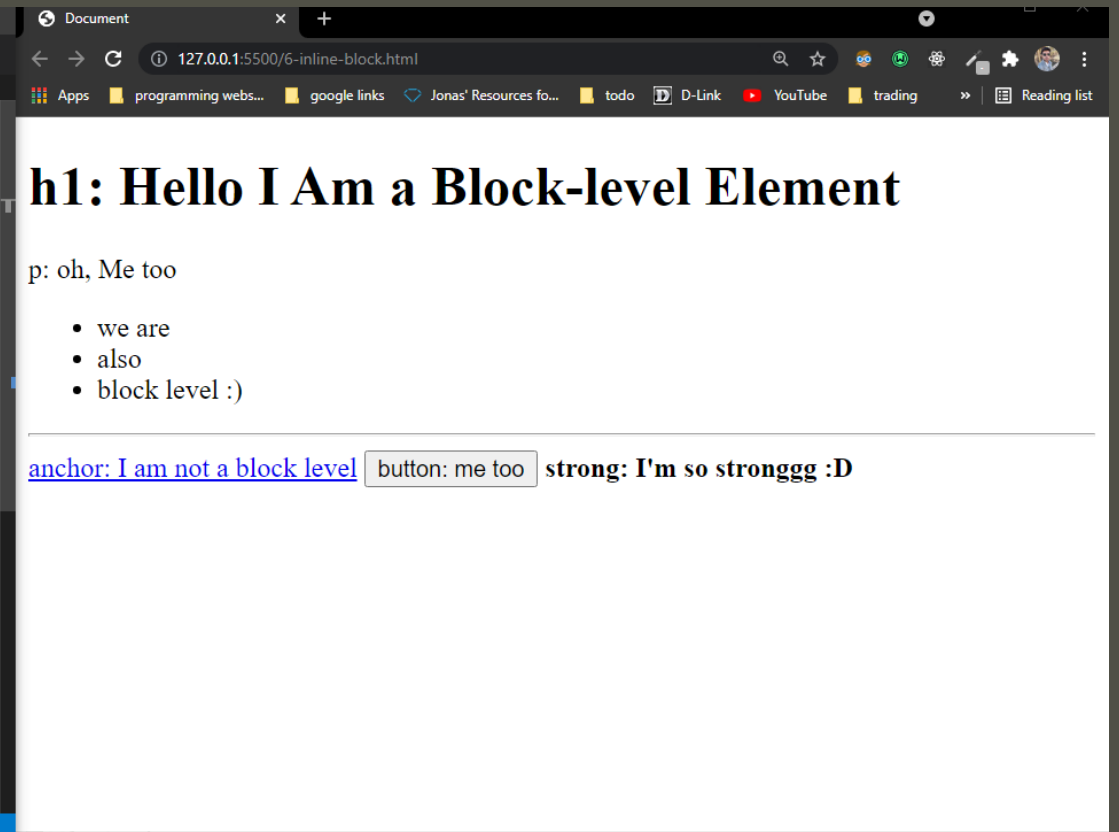
Inline Elements Vs. Block Elements

➤ Block-level elements

➤ Inline-level elements

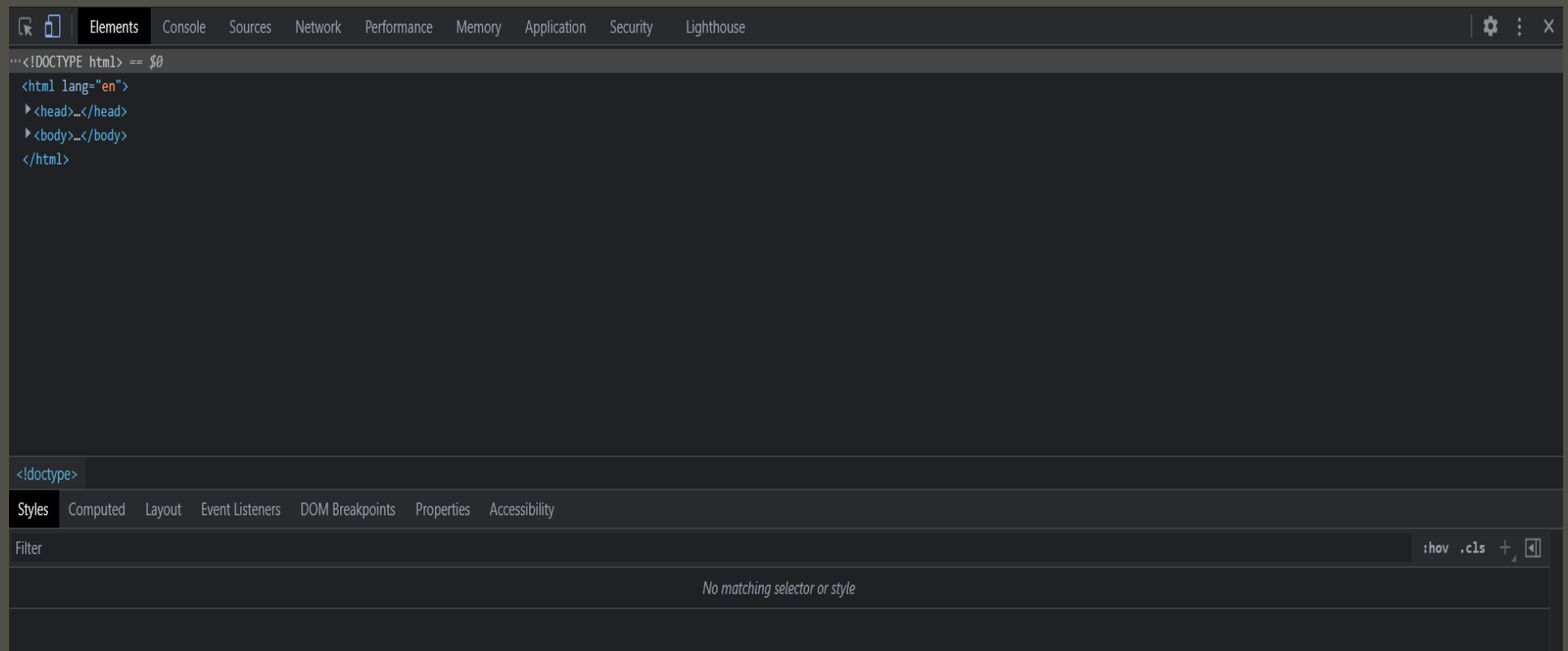


```
File Edit Selection View Go Run Terminal Help 6-inline-block.html - code - Visual Studio Co...
3-table.html 4-rowspan-colspan.html 5-quiz.html 6-inline-block.html x ...
6-inline-block.html > html > body
1 <!DOCTYPE html>
2 <html lang="en">
3 <head>
4   <meta charset="UTF-8">
5   <meta http-equiv="X-UA-Compatible" content="IE=edge">
6   <meta name="viewport" content="width=device-width, initial-scale=1.0">
7   <title>Document</title>
8 </head>
9 <body>
10   <h1>h1: Hello I Am a Block-level Element</h1>
11   <p>p: oh, Me too</p>
12   <ul>
13     <li>we are</li>
14     <li>also</li>
15     <li>block level :)</li>
16   </ul>
17   <hr />
18   <a href="#">anchor: I am not a block level</a>
19   <button>button: me too</button>
20   <strong>strong: I'm so stronggg :D</strong>
21 </body>
22 </html>
```



Chrome Devtool

A very useful tool to learn more about so many things in the webpage



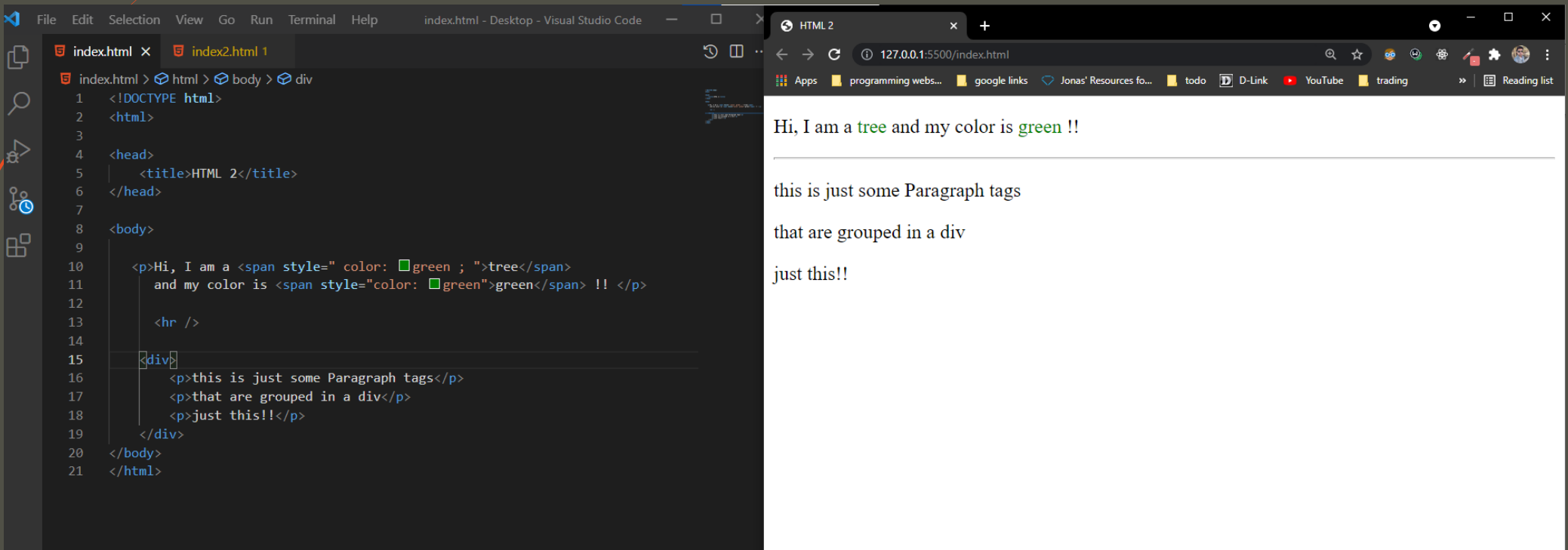
Span & Div

➤ Span:

1. It is inline-level tag
2. It can be use for styling purposes (class or id)
3. It should be used only when no other semantic element is appropriate.

➤ Div

1. It is block-level tag
2. It is for grouping tags



The screenshot displays a development environment with Visual Studio Code on the left and a web browser on the right. The VS Code editor shows a file named `index.html` with the following content:

```
1 <!DOCTYPE html>
2 <html>
3
4 <head>
5   <title>HTML 2</title>
6 </head>
7
8 <body>
9
10  <p>Hi, I am a <span style=" color: green ; ">tree</span>
11    and my color is <span style="color: green">green</span> !! </p>
12
13  <hr />
14
15  <div>
16    <p>this is just some Paragraph tags</p>
17    <p>that are grouped in a div</p>
18    <p>just this!!</p>
19  </div>
20 </body>
21 </html>
```

The web browser on the right shows the rendered output of this HTML. The first paragraph displays the text "Hi, I am a tree and my color is green !!", where "tree" and "green" are styled in green. A horizontal line separates this from the rest of the content. Below the line, three paragraphs are displayed: "this is just some Paragraph tags", "that are grouped in a div", and "just this!!".

“

Thanks For Your Listening 😊

”