

Challenge #7: Block, Inline, Class, and Id

Objectives: Apply Block, Inline, Class, and Id in your project

According to w3schools.com:

- A block-level element always starts on a new line, and the browsers automatically add some space (a margin) before and after the element. A block-level element always takes up the full width available (stretches out to the left and right as far as it can). Two commonly used block elements are: `<p>` and `<div>`. The `<p>` element defines a paragraph in an HTML document. The `<div>` element defines a division or a section in an HTML document.
- An inline element does not start on a new line. An inline element only takes up as much width as necessary. This is a `` element inside a paragraph.
- The class attribute is often used to point to a class name in a style sheet. It can also be used by a JavaScript to access and manipulate elements with the specific class name."
- The id attribute specifies a unique id for an HTML element. The value of the id attribute must be unique within the HTML document. The id attribute is used to point to a specific style declaration in a style sheet. It is also used by JavaScript to access and manipulate the element with the specific id.

The screenshot shows a code editor with a file named `index.html` and a `# style.css` tab. The HTML code is as follows:

```
10 <body>
11 <!--Header-->
12 <section id="header">
13   <div class="header_container">
14     <div class="navbar">
15       <div class="web">
16         <a href="#first"><h1>Pagpa<span>M'lang</span></a></h1></a>
17       </div>
18     <div class="nav-list">
19       <div class="hamburger"><div class="bar"></div></div>
20     </div>
21     <ul>
22       <li><a href="#first" data-after="Home">Home</a></li>
23       <li><a href="#delicacies" data-after="Delicacies">Delicacies</a></li>
24       <li><a href="#eatp" data-after="Eating Places">Eating Places</a></li>
25       <li><a href="#about" data-after="About Us">About Us</a></li>
26     </ul>
27   </div>
28 </div>
29 </section>
30 <!--End of Header-->
31 <!-- Home Section-->
32 <section id="first">
33   <div class="first container">
```

Annotations in the image:

- Block** (yellow arrow): Points to the `<div class="header_container">` element on line 13.
- Id** (orange arrow): Points to the `id="header"` attribute on line 12.
- Inline** (blue arrow): Points to the `M'lang` element on line 16.
- Class** (green arrow): Points to the `class="bar"` attribute on line 19.

The status bar at the bottom indicates: Ln 457, Col 53, Spaces: 4, UTF-8, CRLF, HTML, Port: 5500, Prettier.