Web Technologies

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Lesson Overview
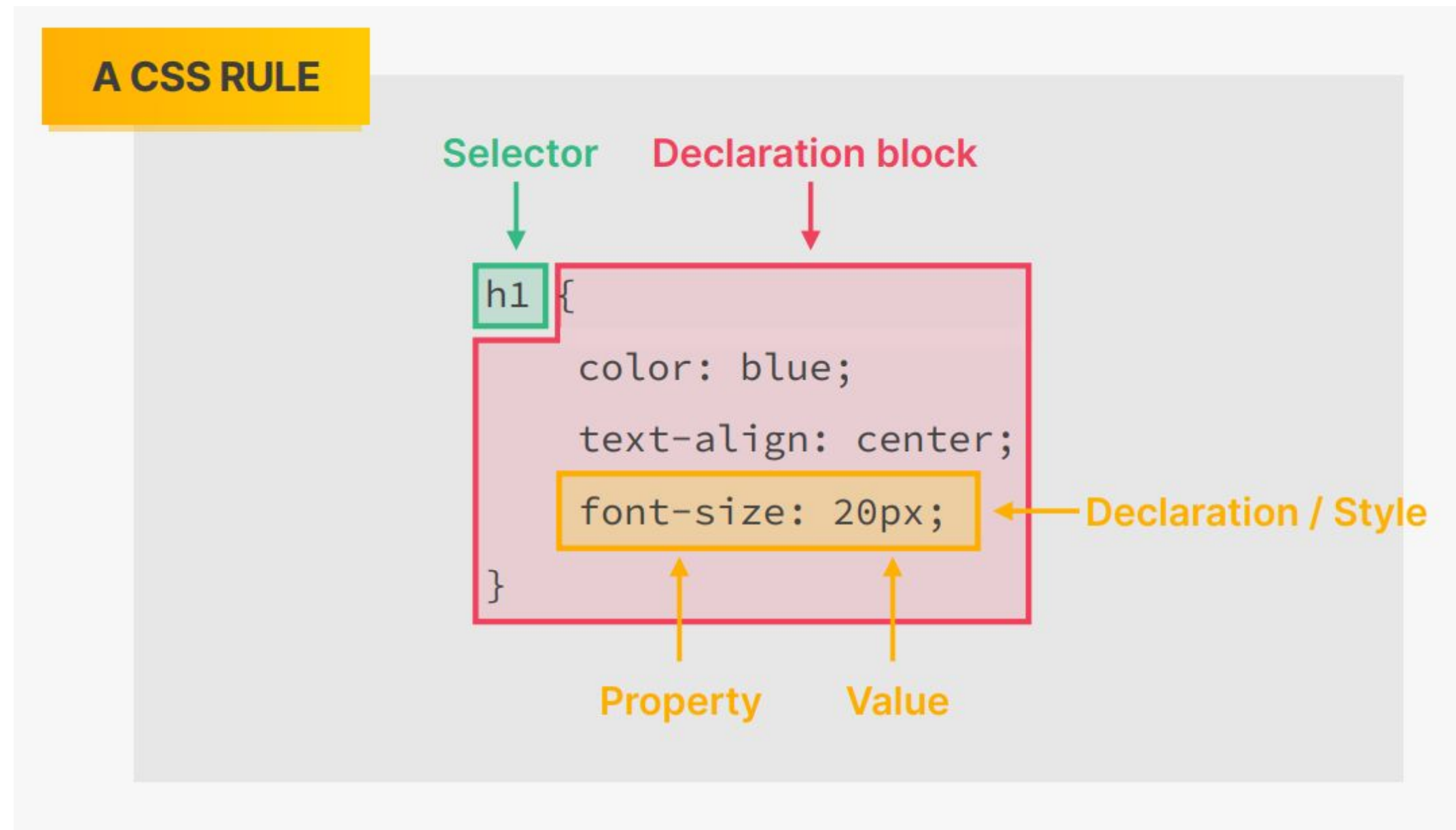
You will learn about …
- Introduction to CSS
- Types of CSS
- Styling Text
- Types of Selectors
- Combining Selectors
- Class and ID Selectors

What is CSS

- Cascading Style Sheets
- CSS describes the visual style and presentation of the content written in HTML.
- CSS consists of countless properties that developers use to format the content: properties about font, text, spacing, layout.
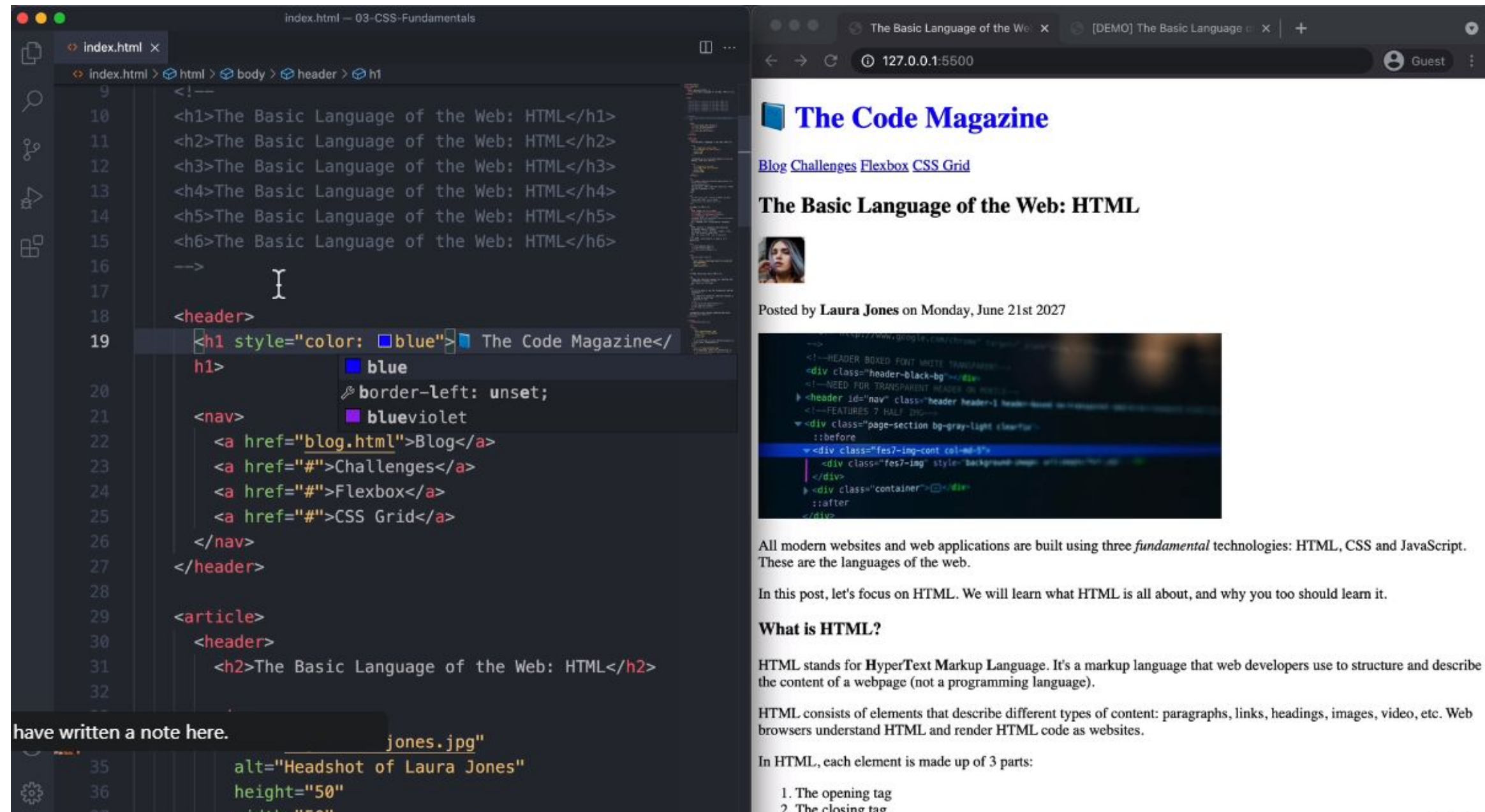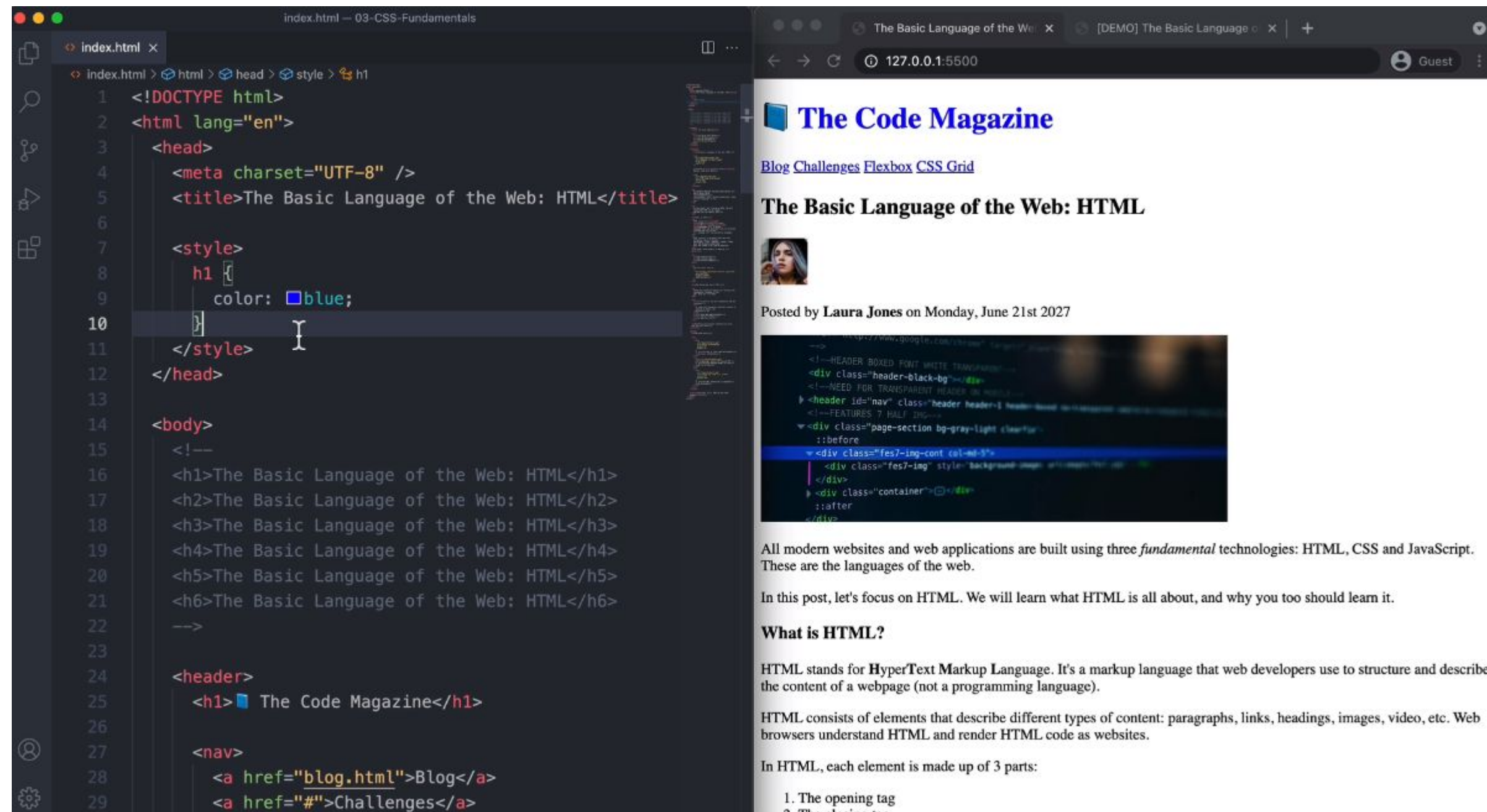
Anatomy of CSS

Types of CSS

- Inline
  - It applies a CSS style inside an element's HTML tag.
- Internal
  - It is used to define a style for a single HTML page.
  - It is defined in the <head> section of an HTML page, within a <style> element.
- External
  - It is a file that contains only CSS code and is saved with a ". css" file extension.
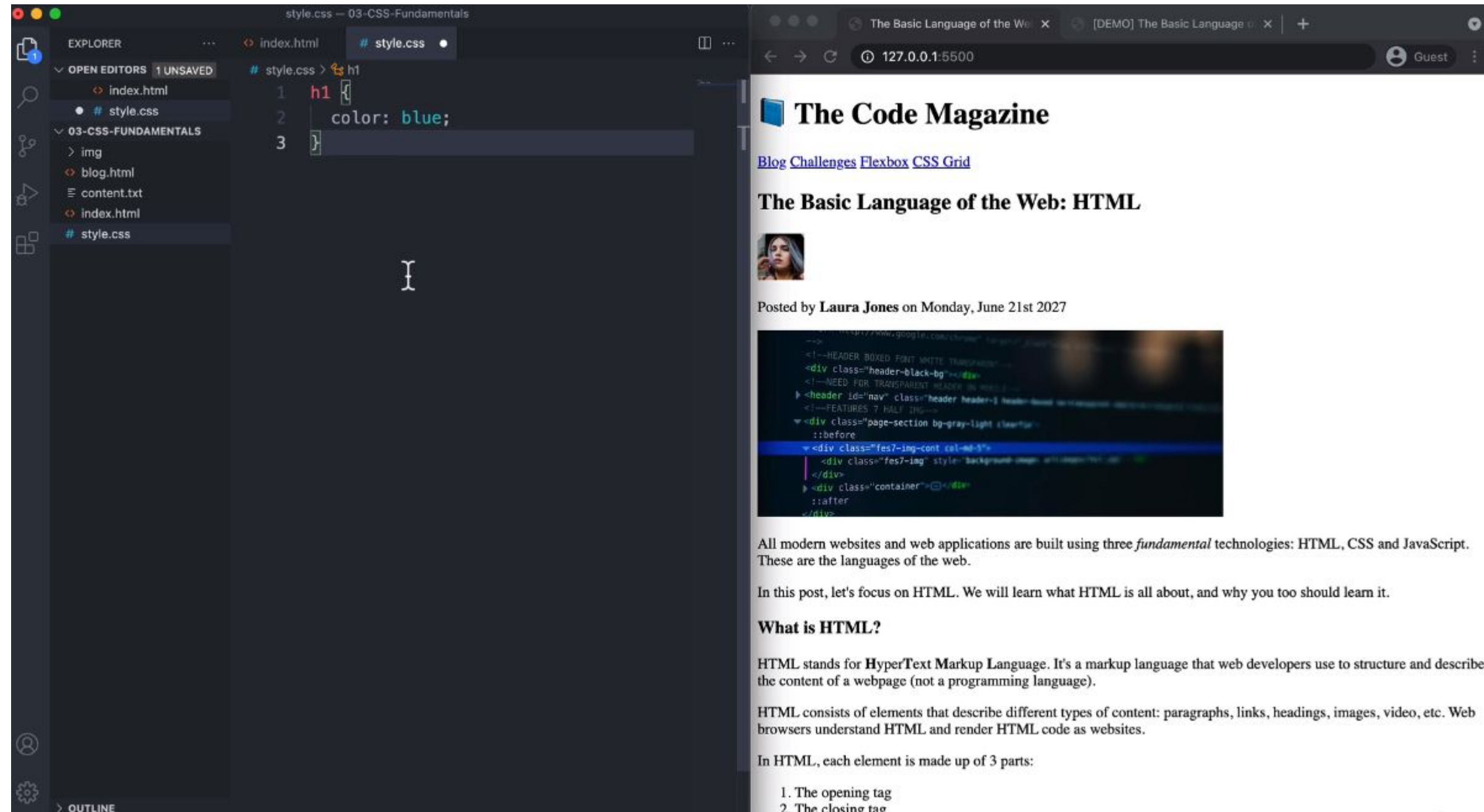 - This CSS file is then referenced in your HTML using the <link> instead of <style>.
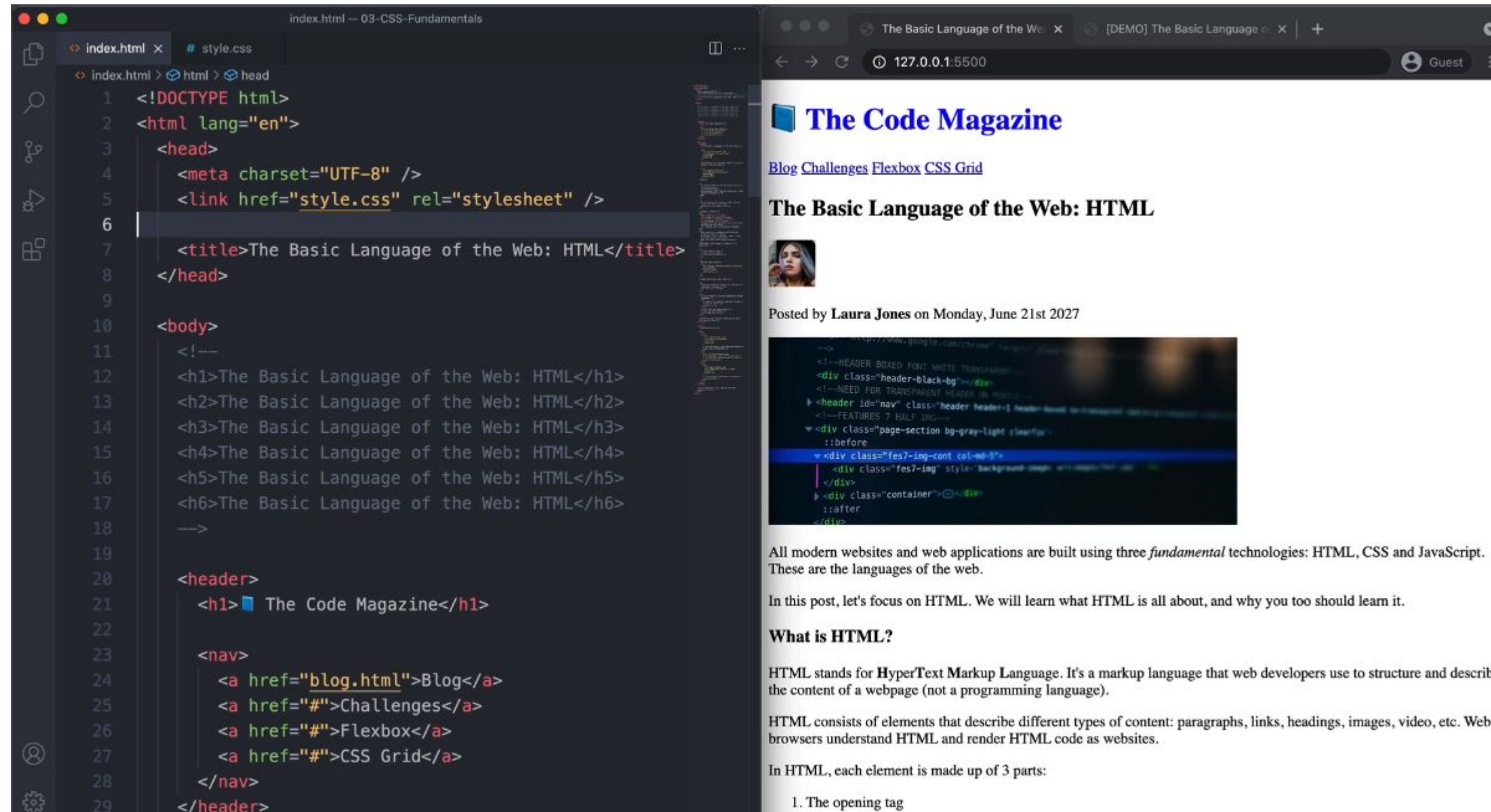
Inline CSS

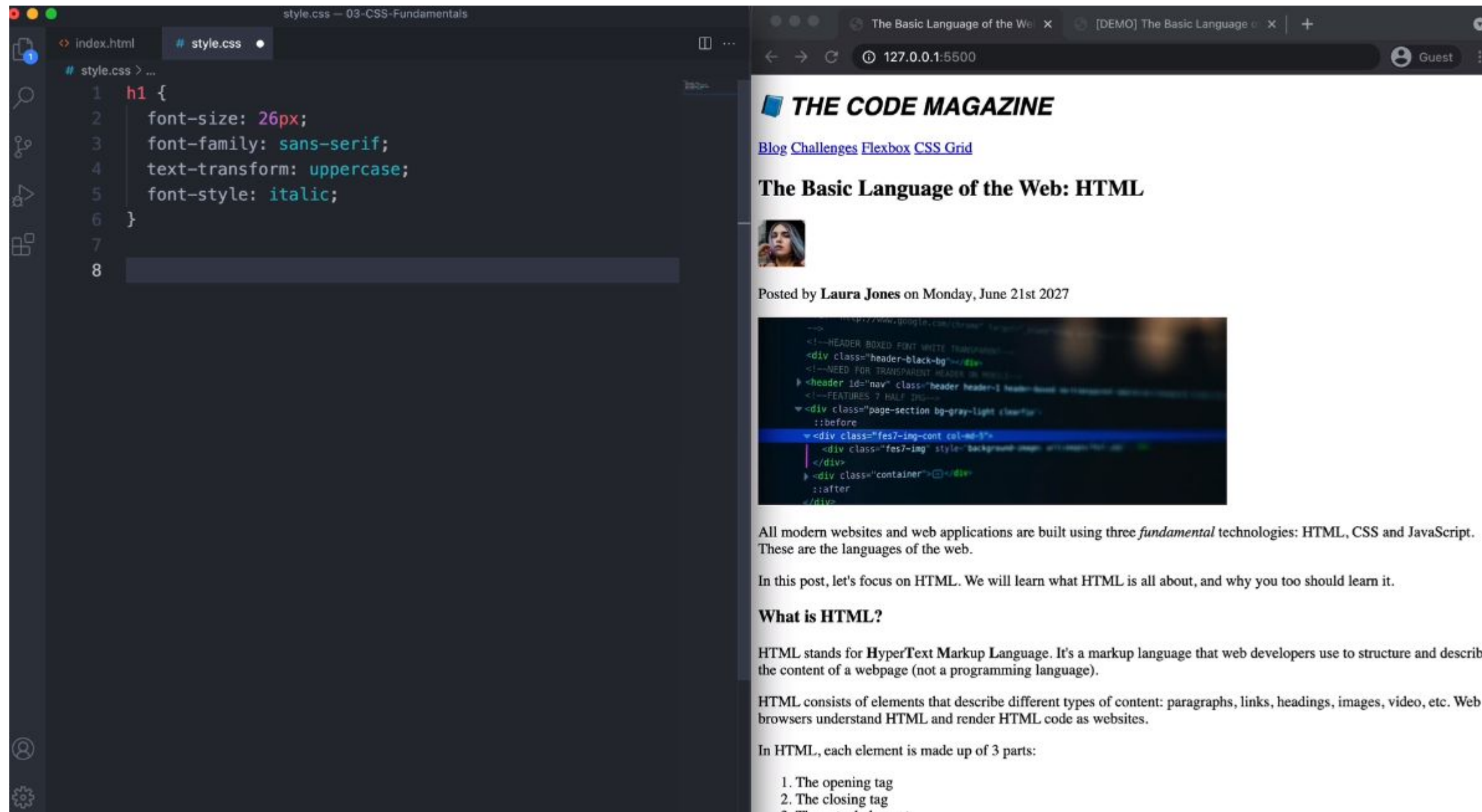# Internal CSS

External CSS

External CSS

Styling Text

Styling Text Properties

Styling Text Properties

CSS Selector

- It selects the HTML element(s) you want to style.
- It can be the ff:
  - element selector
  - id selector
  - class selector

Element Selector

● It selects HTML elements based on the element name.

```css
p {
    text-align: center;
    color: red;
}
```

ID Selector

- It uses the id attribute of an HTML element to select a specific element.
- The id of an element is unique within a page, so the id selector is used to select one unique element.
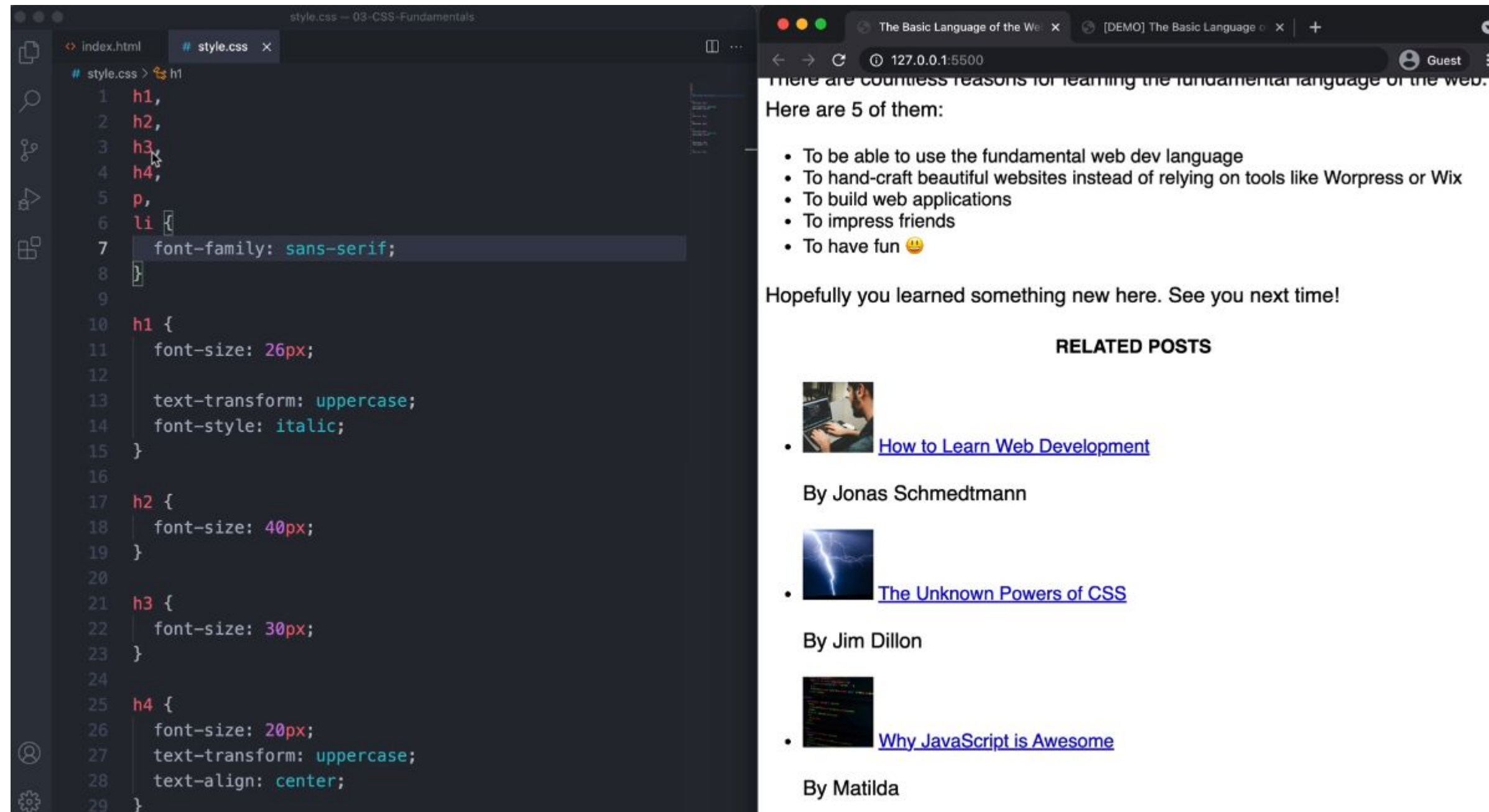- Hash (#) character is used to call the id of an element.

```
#para1 {
    text-align: center;
    color: red;
}
```

Class Selector

- It selects HTML elements with a specific class attribute.
- Dot(.) character is used to call the class of an element.

```css
.center {
    text-align: center;
    color: red;
}
```

Combining Selectors

Class and ID Selectors