# **CSS**

CSS stands for Cascading Style Sheets. It is used to style our applications You can add CSS to your HTML app by using -

- 1. The style attribute (inline styles)
- 2. Internal css
- 3. In an external css file

# Approach #1 - Inline styles

CSS styles are applied directly to individual HTML elements using the style attribute.

```
This is a paragraph
with inline CSS.
```

### Approach #2 - Internal styles

CSS is placed within the <style> tag inside the <head> section of an HTML document.

```
<head>
    <style>
        p {
            color: blue;
            font-size: 16px;
        }
      </style>
</head>
<head>
<body>
      This is a paragraph with internal CSS.
</body>
```

## Approach #3 - External styles

- 1. Add a new file called index.css
- 2. Add the following code in it

```
body {
    background-color: black;
}
```

### **Common style attributes**

- color: Sets the text color.
- background-color: Sets the background color.
- font-size: Sets the size of the text.
- margin: Sets the outer space around an element.
- padding: Sets the inner space within an element.
- border: Sets the border around an element.

#### **Flexbox**

Flexbox is a CSS layout model designed to help with the arrangement of items within a container.

Update the website to the following -

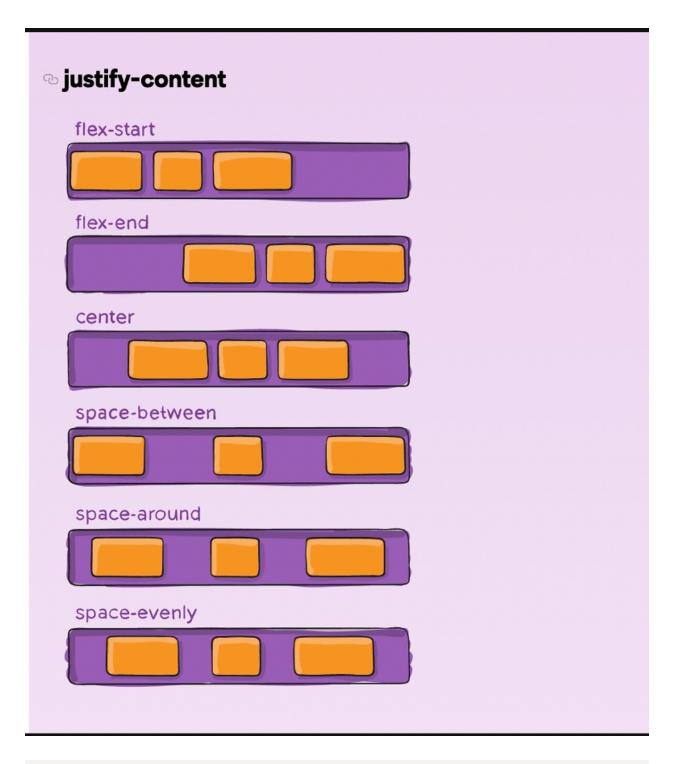
```
<a href="/">Blog</span>
       <a href="/">API</span>
       <a href="/">Extensions</span>
       <a href="/">FAQs</span>
        <a href="/">Learn</span>
    </div>
    <vib>
       <input type="text" placeholder="Search Docs">
        <button>Download
    </div>
    <br/>br/>
    <vib>
        <a href="/">Version 1.82</a> is now available! Read a
bout the new features and fixes from July.
    </div>
    <br/>br/>
</body>
```

Notice that the elements are positioned right next to each other even though

Visual Studio code is inside a div

# **Justify content**

Try experimenting with the justify-centent property



```
<html>
    <title>
        Visual Studio Code - Code Editor
        </title>
```

```
</html>
<body>
    <div style="display: flex; justify-content: space-betwee"</pre>
n;">
        <div>Visual Studio Code</div>
        <a href="/">Docs</span>
        <a href="/">Updates</span>
        <a href="/">Blog</span>
        <a href="/">API</span>
        <a href="/">Extensions</span>
        <a href="/">FAQs</span>
        <a href="/">Learn</span>
    </div>
    <div>
        <input type="text" placeholder="Search Docs">
        <button>Download
    </div>
    <br/>br/>
    <div>
        <a href="/">Version 1.82</a> is now available! Read a
bout the new features and fixes from July.
    </div>
    <br/>br/>
</body>
```

## **Another example**

```
<html>
</html>
<body>
    <header>
```

```
</header>
    <section>
    <div style="border-width: thick; border-style: solid; dis</pre>
play: flex; justify-content: space-between; margin-left: 200p
x; margin-right: 200px;">
        <div style="background: red; ">
                Code with GitHub Copilot
            </h1>
            <h6>
                Write code faster and smarter with GitHub Cop
ilot, your AI pair programmer.
            </h6>
            Try GitHub Copilot free for 30 days
            Completions present suggestions automatically to
help you code more efficiently.
            Copilot Chat understands the context of your cod
e, workspace, extensions, settings, and more.
            Inline Chat enables you to iteratively generate e
dits and get answers to quick questions, directly on your cod
e.
        </div>
        <div style="background: green;">
        <imq src="https://code.visualstudio.com/assets/home/s</pre>
wimlane-copilot.png" width="800px" /></div>
    </div>
</section>
    <footer>
    </footer>
</body>
```

#### Classes and ids

In CSS, classes and IDs are used as selectors to apply styles to HTML elements. They help in targeting specific elements for styling and can be used to enhance the modularity and reusability of CSS code.