Shwe Oak (Htet Thu Win)

CSS Basics:

Introduction

CSS

- Cascading Style Sheet
- Web စာမျက်နှာ အလှဆင်ရာ မှာသုံး
- Define how to display HTML elements on screen, paper, or other medias (in other words browser will format HTML according to rules defined in CSS)
- Also called presentation layer

How to Include CSS

- There are three ways we can include CSS in HTML document

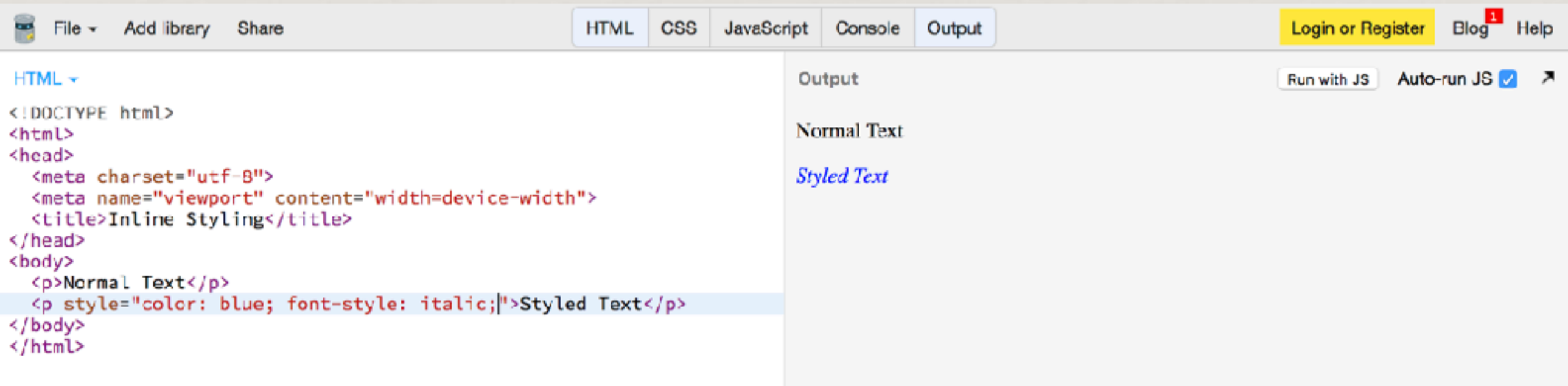
1. Inline style
2. Internal style sheet
3. External style sheet

Inline Style

- Use “style” attribute to define the element style
- Disadvantage: Need to rewrite the same styling in another element if we want to use the same style
- NOT recommended to use

Inline Style Syntax

- Usage:
  - style="declaration1; declaration2; …; declarationN;"
- Declaration Format:
  - [property]:[value];
  - Example: color: red;



Internal Style Sheet

- Write CSS rule-sets within <style> tag
- <style> tag should be inside <head> section
- Advantage: Can reuse style for other elements
- Disadvantage: Cannot reuse style for other web pages
- NOT recommended to use

CSS Rule-Set Syntax

Rule set

```
selector {
    property: value;
    property: value;
}
```

declaration

Internal Style Sheet Example

File ▾ Add library Share | HTML | CSS | JavaScript | Console | Output | Login or Register | Blog 1 | Help

HTML ▾

```
<!DOCTYPE html>
<html>
<head>
  <meta charset="utf-8">
  <meta name="viewport" content="width=device-width">
  <title>Internal Style Sheet</title>
  <style>
    h1 {
      color: gray;
      font-weight: normal;
    }

    p {
      color: blue;
    }
  </style>
</head>
<body>
  <h1>Internal Style Sheet</h1>
  <p>
    Paragraph 1: Lorem ipsum dolor sit amet, consectetur adipiscing
    elit. Cras a leo tristique, viverra massa sit amet, finibus
    lacus. Vivamus vel rhoncus lorem. Proin odio ligula, pretium
    eget porta sed, porttitor et odio.
  </p>

  <p>
    Paragraph 2: Lorem ipsum dolor sit amet, consectetur adipiscing
    elit. Cras a leo tristique, viverra massa sit amet, finibus
    lacus. Vivamus vel rhoncus lorem. Proin odio ligula, pretium
    eget porta sed, porttitor et odio.
  </p>
</body>
</html>
```

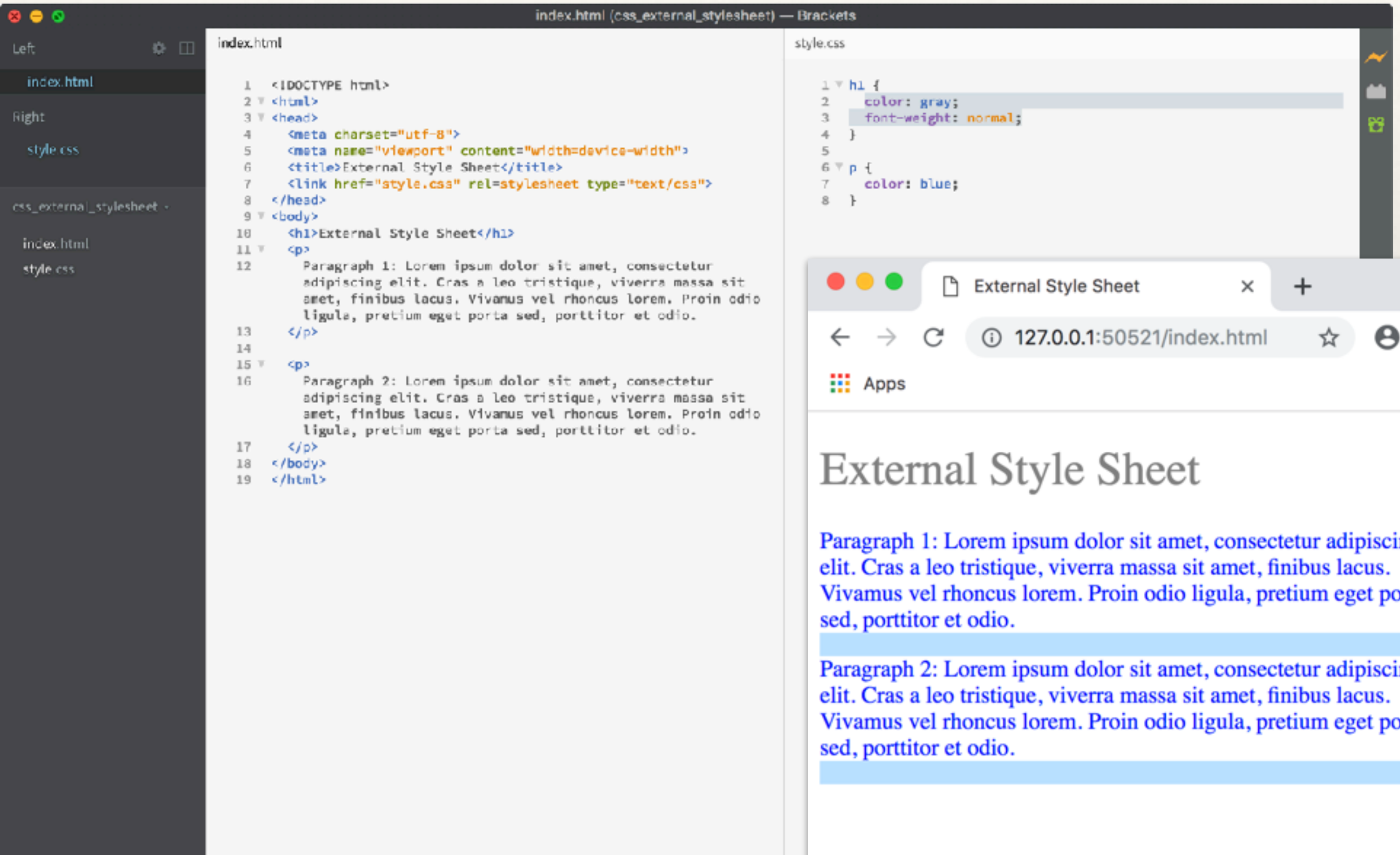
Output | Run with JS | Auto-run JS ☑ ↗

Internal Style Sheet

Paragraph 1: Lorem ipsum dolor sit amet, consectetur adipiscing elit. Cras a leo tristique, viverra massa sit amet, finibus lacus. Vivamus vel rhoncus lorem. Proin odio ligula, pretium eget porta sed, porttitor et odio.

Paragraph 2: Lorem ipsum dolor sit amet, consectetur adipiscing elit. Cras a leo tristique, viverra massa sit amet, finibus lacus. Vivamus vel rhoncus lorem. Proin odio ligula, pretium eget porta sed, porttitor et odio.

External Style Sheet

- Write CSS rule-sets in a separate file with extension css.
  Example: style.css
- Include the CSS file using <link> tag in the HTML file
- Recommended to use

External Style Sheet Example