Step 3: CSS Basics – Styling Web Pages

Objective:

Students will learn how to use CSS to style web pages and apply consistent design principles.

Key Concepts:

CSS Selectors: Targeting elements with tags, classes, and IDs.

CSS Properties: Colors, fonts, borders, margins, padding, and more.

Teacher's Role:

1. Explain the purpose of CSS and how it separates content (HTML) from presentation (design).

2. Demonstrate how to link a CSS file to an HTML document using the <link> tag.

Activity 1: Styling a Web Page with CSS

Goal: Students will create a CSS file and use it to style a basic web page.

Steps:

1. Create a new CSS file (styles.css):

   - Explain how to create and link a CSS file to an HTML page using the <link> tag in the <head> section.

2. Introduce basic styling concepts:

   - Explain how to change the color of text, add background colors, set fonts, and adjust margins/padding.

Student Activity:

Create a CSS file called styles.css with the following content:

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

h1 {
```

```
    color: navy;
    text-align: center;
}

p {
    font-family: Arial, sans-serif;
    font-size: 18px;
    color: darkblue;
}
```

Update the basic_page.html file to include the CSS file by adding the following line in the <head> section:

<link rel="stylesheet" href="styles.css">

- Run it using Live Server to see how the web page's appearance has changed.

Learning Outcome:

Students will understand how to apply basic CSS styles to an HTML page and control the presentation of content.