Ex No: 1-b
Date:

HTML & CSS

AIM:

Demonstrate the use of inline, embedded, and external CSS to style a webpage with a clean and professional design.

ALGORITHM:

- **Start**:

  - Open an HTML document and structure it with the basic tags: `<html>`, `<head>`, and `<body>`.

- **Inline CSS**:

  - In the body of the document, apply inline CSS using the `style` attribute within HTML tags (for example, styling a paragraph directly).

- **Embedded CSS**:

  - Inside the `<head>` section, use a `<style>` tag to write embedded CSS. This will apply styling rules to elements on the webpage, such as font, colors, and layouts.

- **External CSS**:

  - Create an external CSS file (e.g., `styles.css`) with all the styles for the webpage.
  - Link the external CSS file to the HTML document using the `<link>` tag in the `<head>` section.

- **Add Content**:

  - Add content to the webpage, such as headings, paragraphs, buttons, and links, and apply the corresponding CSS classes to style them according to the method used (inline, embedded, or external).

- **Styling Elements**:

  - Use the external CSS file to define the layout and general styles (e.g., button styles, header styles).
  - Use embedded CSS for specific styles within the webpage.
  - Use inline CSS for unique, quick styling on individual elements.

- **End**:

  - Close the HTML tags properly, ensuring that the external, embedded, and inline styles are applied effectively, providing a well-styled webpage.

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CODE :

```html
<!DOCTYPE html>
<html lang="en">
<head>
<meta charset="UTF-8">
<meta name="viewport" content="width=device-width, initial-scale=1.0">
<title>Web Page with Inline, Embedded, and External CSS</title>


<!-- External CSS Link -->
<link rel="stylesheet" href="styles.css">


<style>
/* Embedded CSS */ body {
background-color: #f0f8ff; font-family: 'Arial', sans-serif;
}
h1 {
color: #333;
text-align: center; margin-top: 20px;
}
.embedded-style { background-color: #e2e8f0; padding: 20px;
border-radius: 8px;
box-shadow: 0 4px 6px rgba(0, 0, 0, 0.1); margin-top: 30px;
text-align: center;
}

.external-btn {
background-color: #4CAF50; color: white;
padding: 15px 32px; text-align: center; display: inline-block; font-size:
16px; border: none;
border-radius: 5px; cursor: pointer;
}
.external-btn:hover { background-color: #45a049; }
}
</style>
</head>
<body>


<h1>Welcome to My Stylish Web Page</h1>


<!-- Inline CSS -->
<p style="color: #ff6347; font-size: 18px; font-weight: bold; text-align:
center;"> This is an example of inline CSS styling.
</p>


<!-- Embedded CSS -->
<div class="embedded-style">
```

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```html
<p>This section is styled with embedded CSS. Notice the subtle background
color and shadow effect.</p>
</div>

<!-- External CSS -->
<button class="external-btn">Click Me</button>
</body>
</html>
```
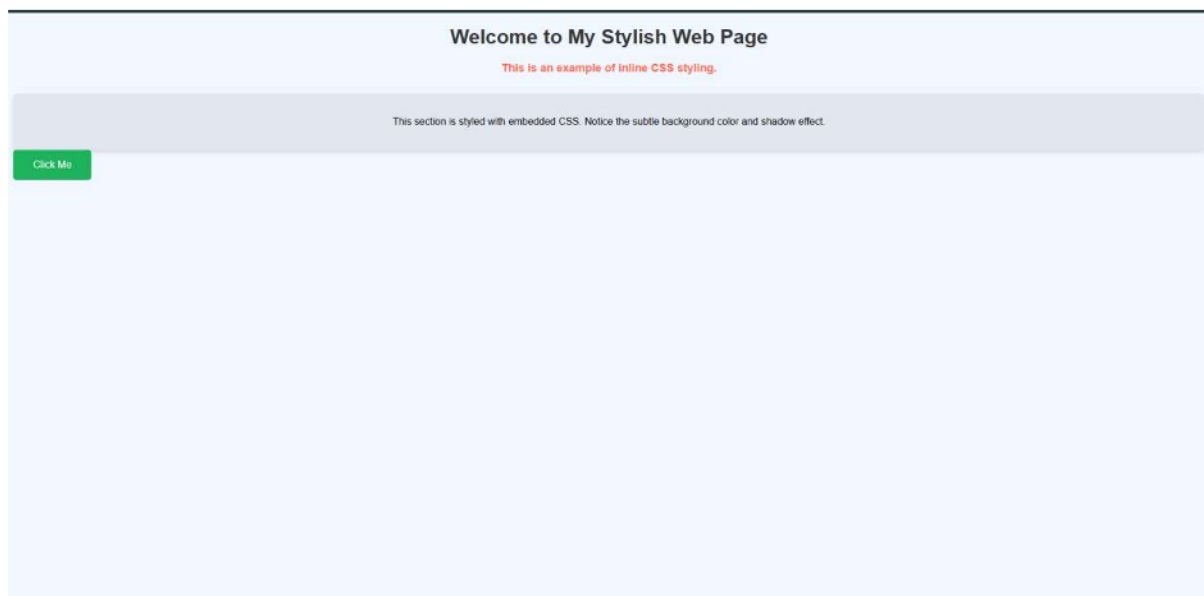
External CSS File :

```css
/* External CSS - styles.css */ body {
font-family: 'Arial', sans-serif;
}
.external-btn {
background-color: #0077b6; color: white;
padding: 12px 24px; border-radius: 8px; border: none; cursor: pointer;
font-size: 18px; text-align: center;
transition: background-color 0.3s ease;
}


.external-btn:hover { background-color: #005f87; }
```

OUTPUT:

RESULT:

Thus the given task is executes successfully.

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