**Q-8) In how many ways does a CSS can be integrated in as a web page?**

* A CSS can be integrated as a webpage as 3 ways:

1. **Inline CSS:**

* CSS styles are added directly to HTML elements using the ‘style’ attribute.
* This is useful for applying a unique style to a single element, but it is generally not recommended for large-scale styling as it reduces reusability and makes maintenance harder.

Ex- <h1 style="color: blue; font-size: 24px;"> This is a heading </h1>

1. **Internal CSS:**

* CSS is placed within the <style> tag inside the <head> section of the HTML document.
* This method is useful if you want to style a single page. It keeps the CSS and HTML in the same file, but it doesn’t allow for the reuse of styles across multiple pages.

Ex- <head>

<style>

h1 {

color: blue;

font-size: 24px;

}

</style>

</head>

<body>

<h1>This is a heading</h1>

</body>

1. **External CSS:**

* CSS is written in a separate ‘.CSS’ file, and the HTML file links to it using <link> tag in the <head> section.
* This is the most efficient method for styling multiple pages because it keeps styling separate from structure and allows for easy maintenance and reusability across the website.

Ex- **CSS file (style.CSS)**

h1 {

color: blue;

font-size: 24px;

}

**HTML file**

<head>

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

</head>

<body>

<h1>This is a heading</h1>

</body>