**Q7) In how many ways can a CSS be integrated as a webpage?**

**Answer**: - There are 3 ways to apply CSS in a webpage.

1. **Inline :-** by using the style attribute inside HTML elements
2. **Internal :**- by using <style> element in the <head> section
3. **External :**- by using a <link> element to link to an external CSS file

**Inline CSS**

An inline CSS is used to apply a unique style to a single HTML element.

An inline CSS uses the style attribute of an HTML element.

The following example sets the text color of <h1> element to blue, and the text color of the <p> element to red:

**Example :**

<h1 style=”color:blue;”>A Blue Heading</h1>

<p style=”color:red;”>A red paragraph</p>

**Internal CSS**

An internal CSS is used to define a style for a single HTML page.

An internal CSS is defined in the <head> section of an HTML page, within a <style> element.

The following example sets the text color of ALL the <h1> elements to blue, and the text color of ALL the <p> elements to red. In addition, the page will be displayed with a “powderblue” background color:

**Example :**

<!DOCTYPE html>

<html>

<head>

<style>

body{

background-color: powderblue;

}

h1{

color: blue;

}

p{

color: red;

}

</style>

</head>

<body>

<h1>This is a heading</h1>

<p>This is a paragraph.</p>

</body>

</html>

**External CSS**

An external style sheet is used to define the style for many HTML pages.

To use an external style sheet, add a link to it in the <head> section of each HTML page:

**Example :**

<!DOCTYPE html>

<html>

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

</head>

<body>

<h1>This is a heading</h1>

<p>This is a paragraph.</p>

</body>

</html>

The external style sheet can be written in any text editor. The file must not contain any HTML code, and must be saved with a .css extension.

Here is what the “styles.css” file looks like:

**“styles.css” :**

body{

background-color: powderblue;

}

h1{

color: blue;

}

p{

color: red;

}