14. Special Purpose Tags

Special Purpose Tags

- `<iframe>` : This tag embeds an external webpage within the current HTML document. Here, it's used to embed a Google Maps location.
- `<embed>` : Used for embedding external content like a video. In this example, a `.webm` video is embedded.
- `<object>` : A versatile tag for embedding various types of multimedia and applications. Here, it's used to embed a PDF file. If the browser cannot display the PDF, a download link is provided.
- `<svg>` : Stands for Scalable Vector Graphics. It's used to define vector-based graphics in XML format. This example creates an SVG circle.

```
<!DOCTYPE html>
<html>
<head>
    <title>Special Purpose Tags Example</title>
</head>
<body>
    <h2>Special Purpose HTML Elements</h2>

    <h3>Embedding an iFrame</h3>
    <p>An embedded Google Maps location:</p>
    <iframe
        width="600"
        height="450"
        style="border:0"
        loading="lazy"
        allowfullscreen
        src="https://www.google.com/maps/embed/v1/place?q=place_id:ChIJN1t_tDeuEmsRUsoyG83frY4">
    </iframe>

    <h3>Embedding a Video</h3>
    <embed
        type="video/webm"
        src="movie.webm"
        width="300"
        height="200">
    </embed>

    <h3>Object Tag for PDF</h3>
    <object
        data="file.pdf"
        type="application/pdf"
        width="300"
        height="200">
        <a href="file.pdf">Download PDF</a>
    </object>

    <h3>SVG Graphics</h3>
    <svg width="100" height="100">
        <circle cx="50" cy="50" r="40" stroke="green" stroke-width="4" fill="yellow" />
    </svg>
</body>
```

```html
</html>
```