IFRAME

An iframe (short for "inline frame") is an HTML element used to embed content from another source within a web page. It allows you to display an entire webpage, a video, a map, or any other HTML document from a different origin inside the current document. Iframes are often used to include external content from another domain, such as embedded videos or interactive maps, and they provide a way to seamlessly integrate third-party content into your web page.

Creating an iframe:

```
<iframe src="URL_OF_CONTENT"></iframe>
```

Setting the size

```
<iframe src="URL OF CONTENT" width="500" height="300"></iframe>
```

Controlling iframe borders:

```
<iframe src="/videos/" width="500" height="300"
frameborder="0"></iframe>
```

Allowing or disallowing scrolling:

```
<iframe src="URL_OF_CONTENT" width="500" height="300"
scrolling="no"></iframe>
```

Fallback content:

```
<iframe src="URL_OF_CONTENT" width="500" height="300">
<!-- Fallback content goes here -->
Your browser does not support iframes.
</iframe>
```

With CSS

```
<iframe id="myIframe"</pre>
           src="https://www.haarisinfotech.com"></iframe>
           </body>
           </html>
CSS +
           <!DOCTYPE html>
           <html>
Image+
video+
           <head>
iframe
             <title>IFrame with CSS, Image, Video, and Audio</title>
             <style>
               /* CSS styles for the iframe */
               .embedded-content {
                 width: 400px;
                 height: 300px;
                 border: 2px solid #ccc;
                 margin: 10px;
             </style>
           </head>
           <body>
             <h1>IFrame with CSS, Image, Video, and Audio</h1>
             <!-- IFrame with Image -->
             <div class="embedded-content">
               <h2>Image</h2>
               <iframe src="https://www.example.com/image.jpg"></iframe>
             </div>
             <!-- IFrame with Video -->
             <div class="embedded-content">
               <h2>Video</h2>
               <iframe src="https://www.youtube.com/embed/VIDEO_ID"></iframe>
             </div>
             <!-- IFrame with Audio -->
             <div class="embedded-content">
               <h2>Audio</h2>
               <iframe src="https://www.example.com/audio.mp3"></iframe>
             </div>
           </body>
           </html>
           <!DOCTYPE html>
iFrame
with
           <html>
Javascript
             <title>IFrame with CSS, Image, Video, and Audio</title>
             <style>
               /* CSS styles for the iframe */
               .embedded-content {
```

```
width: 400px;
                 height: 300px;
                 border: 2px solid #ccc;
                 margin: 10px;
             </style>
           </head>
           <body>
             <h1>IFrame with CSS, Image, Video, and Audio</h1>
             <!-- IFrame with Image -->
             <div class="embedded-content">
               <h2>Image</h2>
               <iframe src="https://www.example.com/image.jpg"></iframe>
             </div>
             <!-- IFrame with Video -->
             <div class="embedded-content">
               <h2>Video</h2>
               <iframe src="https://www.youtube.com/embed/VIDEO_ID"></iframe>
             </div>
             <!-- IFrame with Audio -->
             <div class="embedded-content">
               <h2>Audio</h2>
               <iframe src="https://www.example.com/audio.mp3"></iframe>
             </div>
           </body>
           </html>
           Adding video with controls
Video tag
           <!DOCTYPE html>
           <html>
           <head>
             <title>Video Tag Tutorial</title>
           </head>
           <body>
             <h1>Video Tag Tutorial</h1>
             <video src="example_video.mp4" width="640" height="360" controls>
               Your browser does not support the video tag.
             </video>
           </body>
           </html>
           Adding captions
           <!DOCTYPE html>
```

```
<html>
            <head>
              <title>Video Tag Tutorial</title>
            </head>
            <body>
              <h1>Video Tag Tutorial</h1>
              <video width="640" height="360" controls>
                <source src="example video.mp4" type="video/mp4">
                <!-- Captions/Subtitles -->
                <track src="captions.vtt" kind="subtitles" srclang="en" label="English">
                Your browser does not support the video tag.
              </video>
            </body>
            </html>
Canvas
            <canvas> element, which allows you to draw graphics, animations, and interactive
            elements on a web page using JavaScript. Canvas provides a powerful 2D drawing API that
            you can use to create various visual effects and custom graphics.
            <!DOCTYPE html>
            <html>
            <head>
              <title>Canvas Tutorial</title>
            </head>
            <body>
              <h1>Canvas Tutorial</h1> <!-- Canvas element -->
              <canvas id="myCanvas" width="400" height="300"></canvas>
              <!-- Include the JavaScript file -->
              <script src="script.js"></script>
            </body>
            </html>
           Script.js
           // Get the canvas element and its 2D drawing context
            var canvas = document.getElementById("myCanvas");
            var ctx = canvas.getContext("2d");
           // Draw a blue rectangle
            ctx.fillStyle = "blue";
           ctx.fillRect(50, 50, 100, 75);
           // Draw a red circle
            ctx.beginPath();
            ctx.arc(300, 150, 50, 0, 2 * Math.PI);
            ctx.fillStyle = "red";
            ctx.fill();
            ctx.closePath();
```