

WEB DESIGN

AHMAD FAUZAN x FARUQ AZIZ SAPUTRA

Kurikulum

- Pengantar Web Design
- Definisi Umum HTML
- HTML Dasar
- HTML Form
- HTML Embedded Grafis
- Landing Page
- Definisi CSS
- CSS Formatting Text
- CSS Positioning
- CSS Layout Flexbox
- CSS Layout Grid
- CSS Animation
- Responsive Web Design (RWD)
- Desain RWD Eksternal

Reward

```
export const Reward = (point) => {  
  const hadiah = []  
  if (point >= 750) {  
    hadiah[0] = "Penambahan Nilai"  
    hadiah[1] = "Mendapatkan Hadiah"  
    console.log(hadiah);  
  }  
  
  else if (point >= 500) {  
    hadiah[0] = "Penambahan Nilai"  
    console.log(hadiah);  
  }  
  
  else {  
    console.log("Tetap Semangat");  
  }  
}
```

- Tiap pertemuan akan ada penilaian berupa kuis
- Bagi mahasiswa yang aktif akan mendapatkan point
- Jika point telah mencapai 500, maka mahasiswa berhak menerima penambahan nilai
- Jika point telah mencapai 750 maka mahasiswa berhak mendapatkan hadiah

"Berilmulah sebelum kamu berbicara, beramal, atau beraktivitas."
(HR. Bukhari)

HTML EMBEDDED GRAFIS

Embedded Web

- Embedded (Konten Tertanam) pada web berupa audio, video, dan animasi
- Embedded juga memiliki peran yang sangat penting dalam optimasi sebuah website

IFrame

- iFrame adalah singkatan dari Inline Frame
- iFrame adalah sebuah komponen dari file HTML yang memungkinkan Anda menyematkan video, audio, map, dokumen, dan file lainnya ke dalam sebuah halaman website.

IFrame

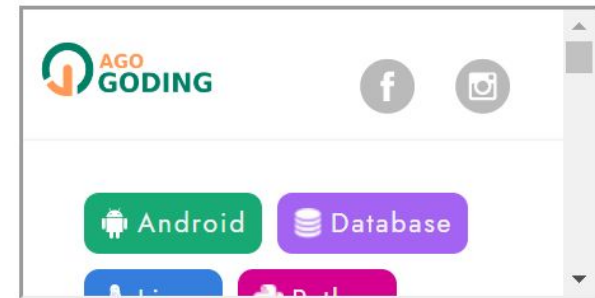
- Atribut src digunakan sebagai sumber rujukan komponen
- Atribut width digunakan untuk menentukan lebar komponen
- Atribut height digunakan untuk menentukan tinggi komponen

IFrame URL



```
<body>
  <h3>IFrame - Web Design</h3>
  <iframe src="https://jagongoding.com/"></iframe>
</body>
```

IFrame - Web Design



IFrame Youtube



```
<body>
  <h3>IFrame - Web Design</h3>
  <iframe width="560" height="315" src="https://www.youtube.com/embed/3Jgju76gS2g"
    title="YouTube video player" frameborder="0"
    allow="accelerometer; autoplay; clipboard-write; encrypted-media; gyroscope; picture-in-picture"
    allowfullscreen></iframe>
</body>
```

IFrame Youtube

IFrame - Web Design



IFrame Maps

```

<iframe
src="https://www.google.com/maps/embed?pb=!1m18!1m
12!1m3!1d3955.4665486064146!2d112.21693461400938!
3d-7.5239817763338!2m3!1f0!2f0!3f0!3m2!1i1024!2i768!4
f13.1!3m3!1m2!1s0x2e783fab1dc80271%3A0x8c4c16512
40d8951!2sPesantren%20PeTIK%20II%20Jombang%20
YBM%20PLN!5e0!3m2!1sid!2sid!4v1660622836600!5m2!
1sid!2sid"
width="600" height="450" style="border:0;"
allowfullscreen="" loading="lazy"
referrerpolicy="no-referrer-when-downgrade" >
</iframe>

```

IFrame - Web Design



Object

- Object adalah salah satu konten tertanam (embedded) pada web
- Object dapat digunakan untuk menanam audio, video, pdf, flash dan lain-lain

Object

- Atribut type digunakan untuk menentukan tipe objek
- Atribut data digunakan sebagai sumber data/objek
- Atribut width digunakan untuk menentukan lebar objek
- Atribut height digunakan untuk menentukan tinggi objek

Object

TABLE 10-1. Video support in desktop and mobile browsers (as of 2017)

Format	Type	IE	MS Edge	Chrome	Firefox	Safari	Opera	Android	iOS Safari
MP4 (H.264)	video/mp4 mp4 m4v	9.0+	12+	4+	Yes*	3.2+	25+	4.4+	3.2+
WebM (VP8)	video/webm webm webmv	–	–	6+	4.0+	–	15+	2.3+	–
WebM (VP9)	video/webm webm webmv	–	14+	29+	28+	–	16+	4.4+	–
Ogg Theora	video/ogg ogv	–	–	3.0+	3.5+	–	13+	2.3+	–

* Firefox version varies by operating system.

Object

TABLE 10-2. *Audio support in current browsers (as of 2017)*

Format	Type	IE	MS Edge	Chrome	Firefox	Opera	Safari	iOS Safari	Android
MP3	audio/mpeg mp3	9.0+	12+	3.0+	22+	15+	4+	4.1	2.3+
WAV	audio/wav or audio/wave	–	12+	8.0+	3.5+	11.5+	4+	3.2+	2.3+
Ogg Vorbis	audio/ogg ogg oga	–	–	4.0+	3.5+	11.5+	–	–	2.3+
MPEG-4/AAC	audio/mp4 m4a	11.0+	12+	12.0+	–	15+	4+	4.1+	3.0+
WebM/Vorbis	audio/webm webm	–	–	6.0+	4.0+	11.5+	–	–	2.3.3+
WebM/Opus	audio/webm webm	–	14+	33+	15+	20+	–	–	–

Object



```
<body>
  <h3>Object - Web Design</h3>
  <object data="https://petik.or.id/wp-content/uploads/2022/08/logo-petik.png"
    width="150px"
    height="90px">
  </object>
</body>
```

Object - Web Design



Video Embed

- Video digunakan untuk melakukan embed video pada web
- Format file yang di support :

Browser	MP4	WebM	Ogg
Edge	YES	YES	YES
Chrome	YES	YES	YES
Firefox	YES	YES	YES
Safari	YES	YES	NO
Opera	YES	YES	YES

Video Embed

▪ Atribut pada Video Embed :

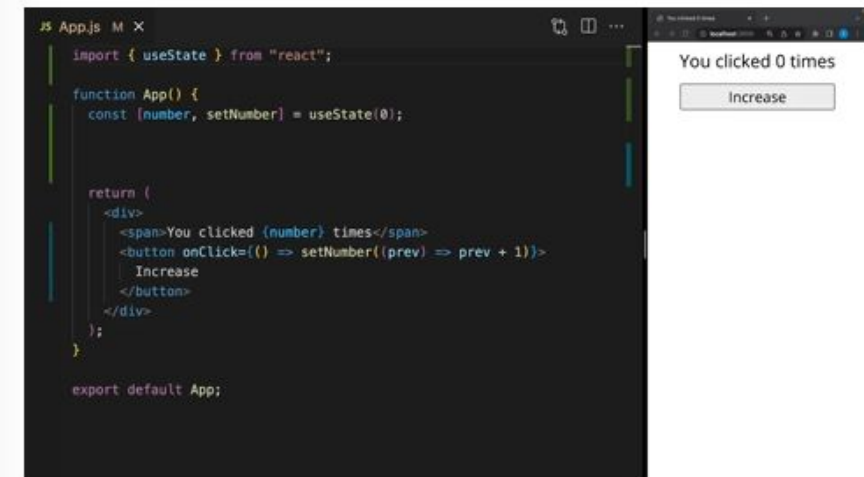
video	Embeds a video player on the page
src="URL"	Address of the resource
crossorigin="anonymous use-credentials"	How the element handles requests from other origins (servers)
poster="URL"	The location of an image file that displays as a placeholder before the video begins to play
preload="auto none metadata"	Hints how much buffering the media resource will need
autoplay	Indicates the media can play as soon as the page is loaded
loop	Indicates the media file should start playing again automatically once it reaches the end
muted	Disables the audio output
controls	Indicates the browser should display a set of playback controls for the media file
width="number"	Specifies the horizontal dimension of the video player in pixels
height="number"	Specifies the vertical dimension of the video player in pixels

Video Embed



```
<body>  
  <h3>Video - Web Design</h3>  
  <video src="video.mp4"  
    width="320"  
    height="240"  
    controls  
    autoplay></video>  
</body>
```

Video - Web Design



The screenshot shows a web application with a dark-themed code editor on the left and a browser window on the right. The code editor displays a React application using useState to manage a click counter. The browser window shows the rendered output: "You clicked 0 times" and an "Increase" button.

```
JS App.js M X  
import { useState } from "react";  
  
function App() {  
  const [number, setNumber] = useState(0);  
  
  return (  
    <div>  
      <span>You clicked {number} times</span>  
      <button onClick={() => setNumber((prev) => prev + 1)}>  
        Increase  
      </button>  
    </div>  
  );  
}  
  
export default App;
```

You clicked 0 times
Increase

Audio Embed


- Audio digunakan untuk melakukan embed audio pada web
- Format file yang di support :

Browser	MP3	WAV	OGG
Edge / IE	YES	YES*	YES*
Chrome	YES	YES	YES
Firefox	YES	YES	YES
Safari	YES	YES	NO
Opera	YES	YES	YES

*From Edge 79

Audio Embed

- Atribut pada Audio Embed :

Element and Attributes	Description
audio	Audio - Web Design
src="URL"	
crossorigin="anonymous use-credentials"	 m other origins (servers)
preload="auto none metadata"	Indicates how much the media resource should be buffered on page load
autoplay	Indicates the media can play as soon as the page is loaded
loop	Indicates the media file should start playing again automatically once it reaches the end
muted	Disables the audio output
controls	Indicates the browser should display a set of playback controls for the media file

TERIMA KASIH