

# HTML & CSS

Tahaluf Training Center 2021



## Day 02

**1 HTML Form**

**2 HTML Video**

**3 HTML Audio**

**4 HTML Iframe**



# HTML Form

- ✓ An HTML form is used to collect user input.
- ✓ The HTML `<form>` element is used to create an HTML form for user input.
- ✓ The HTML `<input>` element is the most used form element.
- ✓ An `<input>` element can be displayed in many ways, depending on the `type` attribute.



# HTML Form

- ✓ The **<label>** tag defines a label for many form elements.
- ✓ The **<label>** element also help users who have difficulty clicking on very small regions (such as radio buttons or checkboxes) - because when the user clicks the text within the **<label>** element, it toggles the radio button/checkbox.
- ✓ The **for** attribute of the **<label>** tag should be equal to the **id** attribute of the **<input>** element to bind them together.



# HTML Form

- ✓ The `<input type="radio">` defines a radio button.
- ✓ Radio buttons let a user select ONE of a limited number of choices.
- ✓ The `<input type="checkbox">` defines a **checkbox**.
- ✓ Checkboxes let a user select ZERO or MORE options of a limited number of choices.



## HTML Form

- ✓ The `<input type="submit">` defines a button for submitting the form data to a form-handler.
- ✓ The form-handler is typically a file on the server with a script for processing input data.
- ✓ The form-handler is specified in the form's `action` attribute.
- ✓ Usually, the form data is sent to a file on the server when the user clicks on the submit button.



# HTML Form

- ✓ The **method** attribute specifies the HTTP method to be used when submitting the form data.
- ✓ The form-data can be sent as URL variables (with **method="get"**) or as HTTP post transaction (with **method="post"**).
- ✓ The default HTTP method when submitting form data is GET.



## HTML Form

- ✓ Appends the form data to the URL, in name/value pairs.
- ✓ NEVER use GET to send sensitive data! (the submitted form data is visible in the URL!).
- ✓ Useful for form submissions where a user wants to bookmark the result.
- ✓ GET is good for non-secure data, like query strings in Google





## HTML Form

- ✓ Appends the form data inside the body of the HTTP request (the submitted form data is not shown in the URL).
- ✓ POST has no size limitations, and can be used to send large amounts of data.
- ✓ Form submissions with POST cannot be bookmarked.



# HTML Form

- ✓ The `<fieldset>` element is used to group related data in a form.
- ✓ The `<legend>` element defines a caption for the `<fieldset>` element.
- ✓ The `<textarea>` element defines a multi-line input field (a text area).



# HTML Form

```
<form action="/" method="post">
  <fieldset>
    <legend>Login Form</legend>
    <label>User Name</label>
    <input type="text" name="name" value="" />
    <label>Password</label>
    <input type="password" name="name" value="" />
    <button>Submit</button>
  </fieldset>
</form>
```



# HTML Form

```
<form action="/" method="post">
  <fieldset>
    <legend>Contact Form</legend>
    <label>Name:</label>
    <input type="text" name="name" value="" />
    <label>E-mail:</label>
    <input type="email" name="name" value="" />
    <input type="radio" name="gender" />
    <label for="male">Male</label>
    <input type="radio" name="gender" />
    <label for="male">Female</label>
    <label>Message:</label>
    <textarea></textarea>
    <button>Submit</button>
  </fieldset>
</form>
```



# HTML Form

<form>

```
<input type="checkbox" name="sports" id="swimming">
<label for="swimming">Swimming</label>
<input type="checkbox" name="sports" id="basketball">
<label for="basketball">Basketball</label>
<input type="checkbox" name="sports" id="football">
<label for="football">Football</label>
```

</form>



# HTML Form

```
<form>
```

```
<label for="city">City:</label>
```

```
<select name="city" id="city">
```

```
<option value="Irbid">Irbid</option>
```

```
<option value="Amman">Amman</option>
```

```
</select>
```

```
</form>
```



# HTML Form

```
<form>  
  <label for="file-select">Upload:</label>  
  <input type="file" name="upload" id="file-select">  
</form>
```



# HTML Video

The HTML `<video>` element is used to show a video on a web page.





# HTML Video

```
<video width="320" height="240" controls>  
  <source src="ramadan.mp4" type="video/mp4">  
  Your browser does not support the video tag.  
</video>
```



# HTML Video

```
<video width="320" height="240" autoplay>  
  <source src="ramadan.mp4" type="video/mp4">  
  Your browser does not support the video tag.  
</video>
```



# HTML Audio

The HTML `<audio>` element is used to play an audio file on a web page.



# HTML Audio

```
<audio controls autoplay muted>  
  <source src="Friends.mp3" type="audio/mpeg">  
  Your browser does not support the audio element.  
</audio>
```



# HTML Iframe

An HTML iframe is used to display a web page within a web page.



# HTML Iframe

```
<iframe width="560" height="315"  
src="https://www.youtube.com/embed/czG0zTz8XOI"  
title="YouTube video player" frameborder="0"  
allow="accelerometer; autoplay; clipboard-write;  
encrypted-media; gyroscope; picture-in-picture"  
allowfullscreen></iframe>
```



# HTML Iframe

```
<iframe  
src="https://www.google.com/maps/embed?pb=!1m18  
!1m12!1m3!1d13453.275405171502!2d35.71388946359  
921!3d32.544334582361195!2m3!1f0!2f0!3f0!3m2!1i  
1024!2i768!4f13.1!3m3!1m2!1s0x151c6f95bce54d05%  
3A0x559477af73f860fc!2sAfra%20markets!5e0!3m2!1  
sen!2sjo!4v1617961893760!5m2!1sen!2sjo"  
width="600" height="450" style="border:0;"  
allowfullscreen="" loading="lazy"></iframe>
```



## Day Two Task

# On the E-Learning Portal

