

HTML5

SESSION 4 🛠️

SESSION 1

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SESSION 5

TEST YOUR SELF

Input & Label

Input-Attributes

Submit-Reset-Button

Form Attributes

Hiding-Disabel

Example

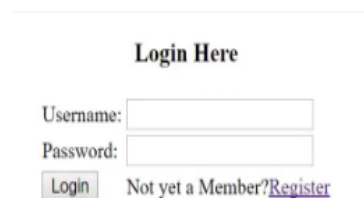
Assignment

Form

The `<form>` tag is a container for various input elements that allow users to enter and submit data to a server. It's one of the most important elements in HTML for creating interactive web pages.

form tag `<form></form>`

- Block element
- Opening & Closing Tag



Input & Label

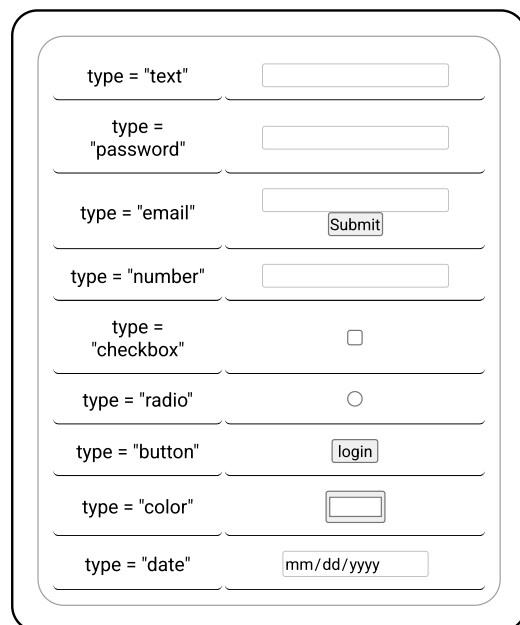
Input :

The `<input>` element in HTML is used to create interactive controls in web forms to accept data from the user.

- Self Closing Tag
- Inline element

Input has a several attributes :

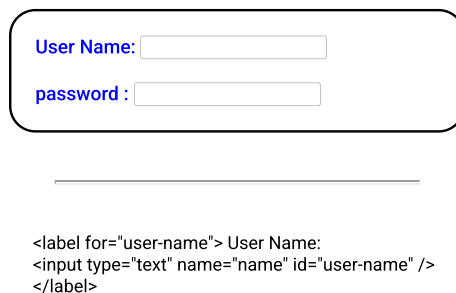
- **type** : Specifies the **type** of input (e.g., text, password, email, number, checkbox, radio).
- `<input type="text">`
- you can add attributes like **class** or **id**



label :

In HTML, the `<label>` element is used to define a label for an input element, helping users understand what the input is for. It also improves accessibility and usability, especially for screen readers.

- **for** : to associate the label with a specific form control (like `<input>select`, etc.). This improves accessibility and usability.
- **for** linked with input id -> `for="username"` → matches the `id="username"` of the input element.



- Opening and Closing Tag
- Inline element

```
<label for="pass-w"> password :
<input type="password" name="password" id="pass-
w" />
</label>
```

Input Attributes

Placeholder - Hidden - Disabled - Value - Required - Autofocus - Maxlength - Minlength:

Placeholder : to display a short hint or example text inside the field.

Hidden : used to hide an element from the page.

Disabled : used to make form elements uneditable and unclickable.

Value : used to specify the initial value of a form element like <input>, <button>.

Required : used to make form fields mandatory.

Autofocus : used to automatically place the cursor inside a specific form field as soon as the page loads.

Maxlength : used to set the maximum number of characters a user can enter in an <input> or <textarea> field.

Minlength : used to set the minimum number of characters that the user must enter in an <input> or <textarea> field before the form can be submitted.

<input type="text" placeholder ="Add Your UserName" >	<input type="text" value="Add Your UserName"/>
<input type="text" name="" id="" hidden >	
<input type="text" value = "xxxxxx" name="" id="" disabled >	<input type="text" value="xxxxxx"/>
<input type="text" name="" id="" required >	<input type="text"/>
<input type="text" name="" id="" autofocus >	<input type="text"/>
<input type="text" name="" id="" maxlength = "10" >	<input type="text"/>
<input type="text" name="" id="" minlength = "8" >	<input type="text"/> <input type="button" value="Submit"/>

Submit - Reset - button

The **submit** type is used with the <input> element to send the form data to the server.

A **reset** type is used to clear all the input fields in a form and return them to their default values.

<input type ="submit" name="" id="">	<input type="button" value="Submit"/>
<input type ="reset" name="" id="">	<input type="button" value="Reset"/>
<button onclick="alert('Hello!')">Click Me</button>	<input type="button" value="Click Me"/>

button :

- Opening and Closing Tag
- Inline Element
- The **onclick** attribute is used to run JavaScript code when the user clicks an element, like a button.

Form Attributes

Action & Methode

Action : Specifies the URL where the form data will be sent after submission.

Methode : Defines the HTTP method for sending data.

- [get](#) Data is visible in the URL
- [post](#) Data is hidden from the URL

<code><form action=" " ></code>	Specifies the URL where the form data will be sent after submission.
<code><form method = " " ></code>	Defines the HTTP method for sending data.

Hidden & diable

Feature	hidden	disabled
Visible?	✗ No	✓ Yes (but grayed out)
User interaction	✗ Not possible	✗ Not possible
In the DOM?	✓ Yes	✓ Yes
Sent in form?	✓ Yes (if shown later)	✗ No

Example

Username :

Password :

```
<form action="" method = "post">
<label for="username">Username : </label>
<input type="text" name="username" id="username" required placeholder="Add Your Name" maxlength="30">
<br>
<br>
<label for="password">Password :</label>
<input type="password" name="password" id="password" required placeholder="Add Your Password" maxlength="15" minlength="8" >
<br>
<br>
<button>Login</button>
</form>
```

[Note : Chang Methode to get and see URL](#)

Assignment

Student Registration Form

Fill in this form to register

First Name

Last Name

E-mail

Date of Birth 

Set Username

Set Password

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