

HTML <colgroup> Tag

- * The `<colgroup>` tag specifies a group of one or more than one columns in a table for formatting.
- * The `<colgroup>` tag is usefull for applying styles to entire columns, instead of repeating the styles for each cell, for each row.

Ex - Refer to [w3schools.com](https://www.w3schools.com)

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Q. Is there any `<rowgroup>` tag ?

Ans No, but table row may be grouped into a table head, table foot, and one or more table body sections using `thead`, `tfoot` and `tbody` elements.

HTML Symbols

Symbols are not present on your keyboard but can be added by using entities.

Ex -	<code><p></code> I will display <code>&euro;</code> <code></p></code>	<u>Output</u> €
	<code><p></code> I will display <code>&copy;</code> <code></p></code>	©
	<code><p></code> I will display <code>&hearts;</code> <code></p></code>	♥
	<code><p></code> I will display <code>&dollar;</code> <code></p></code>	\$

HTML Forms

An HTML form is used to collect user input.

The `<form>` Element

- * The HTML `<form>` element is used to create an HTML form for user input.
- * The `<form>` element is a container for different types of input elements, such as: text fields, checkboxes, radio buttons, submit buttons, etc.

The `<input>` Element

- * The HTML `<input>` element is the most used form element.
- * An `<input>` element can be displayed in many ways, depending on the `type` attribute.

Type

Description

<code><input type="text"></code>	Displays single-line text input field.
<code><input type="radio"></code>	Displays a radio button.
<code>"checkbox"</code>	Displays a checkbox.
<code>"submit"</code>	Displays a submit button.
<code>"button"</code>	Displays a clickable button.

* Text Fields

The `<input type="text">` defines a single-line input field for text input.

Ex - `<form>`

`<label for="fname">First Name </label>
`

`<input type="text" id="fname" name="fname">
`

`</form>`

Output

First Name

* The `<label>` Element

The `<label>` tag defines a label for many form elements

The `<label>` element is helpful for screen-reader users, because the screen-reader will read out loud the label when the user focus on the input element.

* Radio Buttons

⇒ The `<input type="radio">` defines a radio button.

⇒ It lets a user to select one or many of a limited no. of choices.

Ex - 0 HTML

0 CSS

0 JS

* Checkboxes

⇒ The `<input type="checkbox">` defines a checkbox.

⇒ Checkboxes let a user select ZERO or MORE options of a limited no. of choices.

Ex - ☐ I have a bike.

☐ I have a car.

☐ I have a mother.

* The Submit Button

⇒ The `<input type="submit">` defines a button for submitting the form data to a form-handler.

⇒ The form-handler is specified in the form's `action` attribute.

Ex - Name

Gender

* The Reset Button

The `<input type="reset">` defines a reset button that will reset all form values to their default values.

Ex -

Name

Gender

Submit

Reset

* Input Type Date

The `<input type="date">` is used for input field that should contain a date.

* Input Type Email

The `<input type="email">` is used for input fields that should contain an e-mail address.

* Input Type Number

The `<input type="number">` defines a numeric input field.

* Input Type Hidden

The `<input type="hidden">` defines a hidden input field. (Not visible to a user).

* Input Type File

The `<input type="file">` defines a file-select field and a "Browse" button for file upload.

* Input Type Image

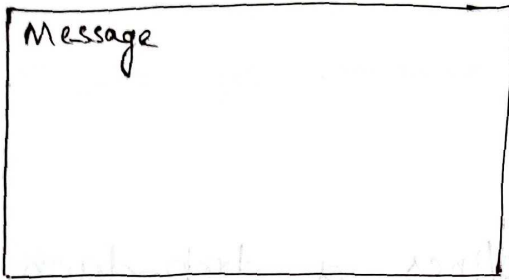
The `<input type="image">` defines an image as a submit button.

The path to the image is specified in the `src` attribute.

* The <textarea> Element

⇒ The <textarea> element defines a multiline input field.

Ex -



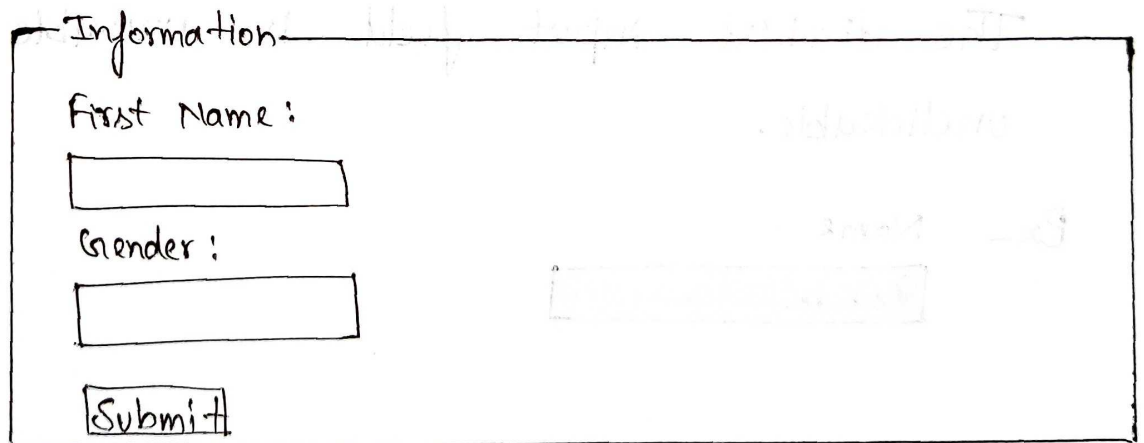
⇒ The rows & cols attribute specifies the height & width of the text area.

* The <fieldset> and <legend> Elements

⇒ The <fieldset> element is used to group related data in a form.

⇒ The <legend> element defines a caption for the <fieldset> element.

Ex -



* The <datalist> Element

The <datalist> element specifies a list of pre-defined options for an <input> element.

Ex -

Google
 Meta
 Jio
 Opera

* The `<select>` Element

The `<select>` element defines a drop-down list.

The `<option>` elements defines an option that can be selected.

Ex - Gender :

Select
 Male
 Female
 Others

* The disabled attribute

The `disabled` input field is unusable and unclickable.

Ex - Name

Rishabh