

## \* 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 useful for applying styles to entire columns, instead of repeating the styles for each cell, for each row.

Ex  $\Rightarrow$  `<colgroup>`  
                   `<col span="2" style="background-color: aqua">`  
                   `</colgroup>`

## \* Is there any <rowspan> Tag ?

Ans  $\Rightarrow$  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 $\Rightarrow$ <code>&lt;P&gt; I will display &amp;euro &lt;/P&gt;</code>		<u>Output</u> €
<code>&lt;P&gt; I will display &amp;copy &lt;/P&gt;</code>		©
<code>&lt;P&gt; I will display &amp;amp &lt;/P&gt;</code>		&
<code>&lt;P&gt; I will display &amp;heart &lt;/P&gt;</code>		♥
<code>&lt;P&gt; I will display &amp;dollar &lt;/P&gt;</code>		\$

## \* HTML Forms

A HTML form is used to collect user input.

## # <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 button etc.

## # <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

`<input type = "text" >`

Single-line text input field.

"radio"

Radio button

"checkbox"

checkbox

"Submit"

Submit button

"button"

clickable button

## # <label> Element

- The `<label>` tag defines a label for many forms element
- The `<label>` element is helpful for screen-reader users, becoz the screen-reader will read out the label when the user focus on the i/p element

Ex => `<form>`

`<label for = "fname" > Fname </label> <br>`

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

`</form>`

output

Fname



## # Radio Button

- The `<input type = "radio">` defines a radio button.
- The lets a user to select one of a limited no. of choices.

Ex →      ☐ HTML      ☐ CSS      • NodeJS

## # Check boxes

- The `<input type = "checkbox">` defines a checkbox.
- checkboxes let a user select [zero or more] options of a limited no. of choices.

Ex →      ☐ Game      ☐ Study

## # 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
<input type="text" value="NIKHIL"/>
Gender
<input type="text" value="male"/>
<input type="submit" value="Submit"/>

## # Reset Button

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

Ex →

Name
<input type="text"/>
Gender
<input type="text"/>
<input type="submit" value="Submit"/> <input type="reset" value="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 field that should contain an email address.

## # Input Type Number

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

## # Input Type File

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

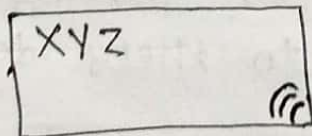
## # Input Type Image

The <input type="image"> defines an image as a Submit button. The path to the image is specified in the Src attribute.

## # <textarea> Element

The <textarea> element defines a multiline input field. The rows & cols attribute specifies the height & width of the text area.

Ex →



## # <fieldset> and <legend> Element

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

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



Ex ⇒ `<form>`  
           `<fieldset>`  
             `<legend> Info </legend>`  
           `</fieldset>`  
         `</form>`

O/P

Info

## # <datalist> Element

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

Ex ⇒

Google  
 Bing  
 Meta

```
<datalist>
  <option value="Google">
  <option value="Bing">
  <option value="Meta">
</datalist>
```

## # <select> Element

The `<select>` element defines a drop-down list.  
 The `<option>` element defines an option that can be selected.

Ex ⇒ Gender: 

Select ▼
Male
Female

```
<select>
  <option> Male </option>
  <option> Female </option>
</select>
```

## # The disabled Attribute

The disabled input field is unusable and unclickable.

Ex ⇒ Name