

HTML FORM

HTML FORM

An HTML form is used to collect user input. The user input is most often sent to a server for processing.

❖ The `<form>` Element -:

The HTML `<form>` element is used to create an HTML form for user input.

`<form>`

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form elements

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`</form>`

❖ The <form> 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 a single-line text input field
<code><input type="radio"></code>	Displays a radio button (for selecting one of many choices)
<code><input type="checkbox"></code>	Displays a checkbox (for selecting zero or more of many choices)
<code><input type="submit"></code>	Displays a submit button (for submitting the form)
<code><input type="button"></code>	Displays a clickable button

❖ The <label> Element-:

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

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

❖ The <input> Element-:

The `<input>` tag specifies an input field where the user can enter data.

The `<input>` element is the most important form element.

The `<input>` element can be displayed in several ways, depending on the type attribute.

❖ HTML Form Attributes

1. Target attribute –

The **target** attribute specifies where to display the response that is received after submitting the form.

The **target** attribute can have one of the following values:

Value	Description
_blank	The response is displayed in a new window or tab
_self	The response is displayed in the current window
_parent	The response is displayed in the parent frame

❖ HTML Form Attributes

1. The Autocomplete Attribute – :

When autocomplete is on, the browser automatically complete values based on values that the user has entered before.

Here are the different input types you can use in HTML:

```
<input type="button">  
<input type="checkbox">  
<input type="color">  
<input type="date">  
<input type="datetime-local">  
<input type="email">  
<input type="file">  
<input type="hidden">  
<input type="image">  
<input type="number">  
<input type="month">
```

```
<input type="password">  
<input type="radio">  
<input type="range">  
<input type="reset">  
<input type="search">  
<input type="submit">  
<input type="tel">  
<input type="text">  
<input type="time">  
<input type="url">  
<input type="week">
```

❖ The <select> Element-:

The <select> element defines a drop-down list:

```
<label for="cars">Choose a car:</label>

<select id="cars" size="3">
  <option value="volvo" selected>Volvo</option>
  <option value="saab">Saab</option>
  <option value="fiat">Fiat</option>
  <option value="audi">Audi</option>
</select>
```

❖ The <textarea> Element-:

The <textarea> element defines a multi-line input field (a text area):

```
<textarea rows="10" cols="30">

  The cat was playing in the garden.

</textarea>
```


❖ 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.

```
<fieldset>
  <legend>Personalia:</legend>
  <label for="fname">First name:</label><br>
  <input type="text" id="fname" name="fname" value="John"><br>
  <label for="lname">Last name:</label><br>
  <input type="text" id="lname" name="lname" value="Doe"><br><br>
  <input type="submit" value="Submit">
</fieldset>
</form>
```

Personalia:

First name:

Last name:

❖ The <datalist> Elements.

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

Users will see a drop-down list of the pre-defined options as they input data.

```
<input list="browsers">  
  <datalist id="browsers">  
    <option value="Internet Explorer">  
    <option value="Firefox">  
    <option value="Chrome">  
    <option value="Opera">  
    <option value="Safari">  
  </datalist>
```

The datalist Element

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