

HTML FORMS



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An **HTML form** is used to collect user input.

The input is most often sent to a server for processing.



The image shows a screenshot of a web form titled "Application Form" on a dark teal background. The form contains several input fields and controls:

- First Name:** A text input field.
- Last Name:** A text input field.
- Date of birth:** A text input field with a placeholder "mm / dd / yyyy".
- Age:** A text input field with a small circular icon on the right.
- Gender:** A dropdown menu with "Male" selected and a downward arrow.
- Email Address:** A text input field with a placeholder "Enter email address".
- Positions Available:** A row of radio buttons with labels "Junior Developer", "Mid-level Developer", and "Senior Developer".
- Programming Languages:** A row of checkboxes with labels "Java", "JavaScript", and "Python".
- Password:** A text input field.
- Confirm Password:** A text input field.
- Submit and Reset:** Two orange buttons at the bottom, labeled "Submit" and "Reset".



<form> Element

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

<form> element is a **container** for different types of input elements, such as: text fields, checkboxes, radio buttons, submit buttons, etc

```
<form>
.
form elements
.
</form>
```



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<input> Element



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

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

<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.



```
<form action="/action_page.php">  
  <label for="fname">First name:</label><br>  
  <input type="text" id="fname" name="fname" value="John"></input>  
</form>
```

label



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Form Attributes

1.action



The action attribute defines the action to be performed when the form is submitted.

Usually, the form data is sent to a file on the server when the user clicks on the submit button



```
<form action="/action_page.php">  
  <label for="fname">First name:</label><br>  
  <input type="text" id="fname" name="fname" value="John"></input>  
</form>
```



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Form Attributes

2.target

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

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
framename	The response is displayed in a named iframe

Form Attributes

3.method

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"**).



<form> Elements

<form> element can contain one or more of the following form elements:

<input>

<label>

<select>

<textarea>

<button>

<fieldset>

<legend>

<datalist>

<output>

<option>

<optgroup>



Input Types

`<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="month">`

`<input type="number">`

`<input type="password">`

`<input type="radio">`

`<input type="range">`

`<input type="reset">`



Input Types

`<input type="search">`

`<input type="submit">`

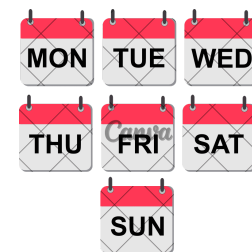
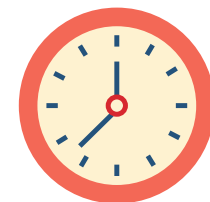
`<input type="tel">`

`<input type="text">`

`<input type="time">`

`<input type="url">`

`<input type="week">`



HTML attributes used in <input>

value Attribute

Specifies the initial/default value of an input field.

readonly Attribute

Makes the input field read-only (user can't modify the content).

disabled Attribute

.Disables the input field, making it unusable and un-clickable.

```
<input type="text" name="fname" value="John" disabled>
```



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**Save
Post**



<https://github.com/aravindFrontEnd>

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