

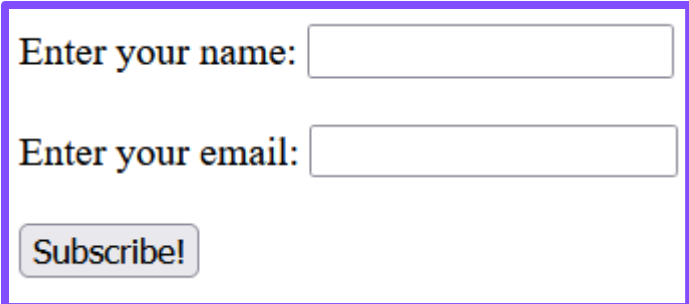
HTML FORMS



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What is HTML `<form>` ?

- `<form>` is a HTML element that represents a document section with interactive controls to submit information.
- The `<form>` element acts as a container for input elements like text fields, radio buttons, color pickers, submit buttons and their respective labels.
- HTML forms are required when we want to collect data from the user.



Enter your name:

Enter your email:

```
<form action="" method="get" class="form-example">
  <div class="form-example">
    <label for="name">Enter your name: </label>
    <input type="text" name="name" id="name" required>
  </div>
  <br>
  <div class="form-example">
    <label for="email">Enter your email: </label>
    <input type="email" name="email" id="email" required>
  </div>
  <br>
  <div class="form-example">
    <input type="submit" value="Subscribe!">
  </div>
</form>
```

Enter your name:

Enter your email:

Form attributes

- Action - Where we want to send the data? Usually sent to a file on the server when the user clicks on the submit button. By default sent to the current page.
- Method – Sets the HTTP method to be used when submitting the form data. Get is used by default.

```
<form action="/action_page.php" method="get">
```

GET	POST
Appends the form data to the URL, in name/value pairs	Appends the form data inside the body of the HTTP request
The submitted form data is visible in the URL	The submitted form data is not shown in the URL
The length of a URL is limited (2048 characters)	Has no size limitations, and can be used to send large amounts of data
Useful for form submissions where a user wants to bookmark the result	Form submissions with POST cannot be bookmarked

HTML Form Elements

- The `<input>` element: It is used to get input data from the form in various types (text by default)
- The `<label>` element: It defines a label for several form elements. Its “for” attribute should match the “id” attribute of the input element to bind them together.
- The `<textarea>` element: It defines a multi-line input field.

Input Attributes

- **Value:** It specifies an initial value for an input field.
- **Readonly:** It specifies that an input field cannot be modified. Its value will be sent when submitting the form.
- **Disabled:** It specifies that an input field should be disabled, being unusable and un-clickable. Its value won't be sent when submitting the form.
- **Size:** It specifies the visible width, in characters, of an input field. Its default value is 20.
- **Maxlength:** It specifies the maximum number of characters allowed in an input field.
- **Min and max:** They specify the minimum and maximum values for an input field.

Input Attributes

- **Multiple:** It specifies that the user is allowed to enter more than one value in an input field. It works with email and file.
- **Pattern:** It specifies a regular expression that the input field's value is checked against, when the form is submitted. It works with text, date, search, url, tel, email, and password.
- **Placeholder:** It specifies a short hint that describes the expected value of an input field (a sample value or a short description of the expected format).
- **Required:** It specifies that an input field must be filled out before submitting the form.

REFERENCES

- https://www.w3schools.com/html/html_forms.asp
 - <https://developer.mozilla.org/en-US/docs/Web/HTML/Element/form>
- <https://www.w3.org/TR/html401/interact/forms.html>
- https://www.tutorialspoint.com/html/html_forms.htm
 - <https://www.geeksforgeeks.org/html-forms/>
 - <https://www.javatpoint.com/html-form>