

# HTML Forms

W3Schools  
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☆☆☆  
→ HEB (H\*G).

```
<!DOCTYPE html>
<html>
<body>

<h2>HTML Forms</h2>

<form action="/action_page.php">
  <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">
</form>

<p>If you click the "Submit" button, the form-data will be sent to a
"/action_page.php".</p>

</body>
</html>
```

## HTML Forms

First name:

Last name:

If you click the "Submit" button, the form-data will be sent to a  
"/action\_page.php".

The `for` attribute of the `<label>` tag should be equal to the `id` attribute of the `<input>` element to bind them together.

# The <form> Element

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

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

# 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.

Here are some examples:

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

## <h2>Text input fields</h2>

```
<form>
  <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">
</form>
```

[https://www.w3schools.com/html/tryit.asp?filename=tryhtml\\_form\\_text](https://www.w3schools.com/html/tryit.asp?filename=tryhtml_form_text)

<p>Note that the form itself is not visible.</p>

<p>Also note that the default width of text input fields is 20 characters.</p>

## Text input fields

First name:

Last name:

Note that the form itself is not visible.

Also note that the default width of text



# Radio Buttons

[https://www.w3schools.com/html/tryit.asp?filename=tryhtml\\_form\\_radio](https://www.w3schools.com/html/tryit.asp?filename=tryhtml_form_radio)

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

Radio buttons let a user select ONE of a limited number of choices.

## Example

A form with radio buttons:

```
<p>Choose your favorite Web language:</p>

<form>
  <input type="radio" id="html" name="fav_language" value="HTML">
  <label for="html">HTML</label><br>
  <input type="radio" id="css" name="fav_language" value="CSS">
  <label for="css">CSS</label><br>
  <input type="radio" id="javascript" name="fav_language" value="JavaScript">
  <label for="javascript">JavaScript</label>
</form>
```

## Radio Buttons

Choose your favorite Web language:

- ☐ HTML
- ☐ CSS
- ☐ JavaScript

# Checkboxes

[https://www.w3schools.com/html/tryit.asp?filename=tryhtml\\_input\\_checkbox](https://www.w3schools.com/html/tryit.asp?filename=tryhtml_input_checkbox)



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

Checkboxes let a user select ZERO or MORE options of a limited number of choices.

## Example

A form with checkboxes:

변수명 → 변수 [i]  
array 형식은 괜찮음.

## Checkboxes

The **input type="checkbox"** defines a checkbox:

- ☐ I have a bike
- ☐ I have a car
- ☐ I have a boat

Submit

```
<h2>Checkboxes</h2>
<p>The <strong>input type="checkbox"</strong> defines a checkbox:</p>

<form action="/action_page.php">
  <input type="checkbox" id="vehicle1" name="vehicle1" value="Bike">
  <label for="vehicle1"> I have a bike</label><br>
  <input type="checkbox" id="vehicle2" name="vehicle2" value="Car">
  <label for="vehicle2"> I have a car</label><br>
  <input type="checkbox" id="vehicle3" name="vehicle3" value="Boat">
  <label for="vehicle3"> I have a boat</label><br><br>
  <input type="submit" value="Submit">
</form>
```

# Drop-down List

[https://www.w3schools.com/html/tryit.asp?filename=tryhtml\\_elem\\_select](https://www.w3schools.com/html/tryit.asp?filename=tryhtml_elem_select)

```
<!DOCTYPE html>
<html>
<body>

<h2>The select Element</h2>


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

<form action="/action_page.php">
  <label for="cars">Choose a car:</label>
  <select id="cars" name="cars">
    <option value="volvo">Volvo</option>
    <option value="saab">Saab</option>
    <option value="fiat">Fiat</option>
    <option value="audi">Audi</option>
  </select>
  <input type="submit">
</form>

</body>
</html>
```

## The select Element

The select element defines a drop-down list:

Choose a car: 



```
<!DOCTYPE html>
<html>
<body>

<h1>The button Element</h1>

<button type="button" onclick="alert('Hello world!')">Click Me!</button>

</body>
</html>
```

# The button Element

Click Me!

```
<head>
<style>
.button {
  border: none;
  color: white;
  padding: 15px 32px;
  text-align: center;
  text-decoration: none;
  display: inline-block;
  font-size: 16px;
  margin: 4px 2px;
  cursor: pointer;
}
```

```
.button1 {background-color: #4CAF50;} /* Green */
.button2 {background-color: #008CBA;} /* Blue */
</style>
</head>
<body>
```

```
<h1>The button element - Styled with CSS</h1>
<p>Change the background color of a button with the background-color
property:</p>
```

```
<button class="button button1">Green</button>
<button class="button button2">Blue</button>
```

```
</body>
```

## The button element - Styled with CSS

Change the background color of a button with the background-color property:

Green

Blue

[https://www.w3schools.com/tags/tryit.asp?filename=tryhtml\\_button\\_css](https://www.w3schools.com/tags/tryit.asp?filename=tryhtml_button_css)