

## Anatomy of a Basic Form

```
<form>
  <fieldset>      <!-- fieldsets can optionally be used to group inputs-->
    <input />      <!-- see below for types of input elements -->
    <input />
  </fieldset>
  <button type="submit"></button>    <!-- see below for types of buttons -->
</form>
```

### <input>

Allows users to interactively control a form.

There are various types of input elements. Their type is controlled by the `type` attribute. Examples include `text`, `date`, `email`, `number`, `range`, `checkbox`.

Frequently used attributes:

<code>value</code>	The current value of the input
<code>required</code>	[Boolean] a form can't be submitted if any required inputs are left blank
<code>placeholder</code>	Sets text to be displayed if the value hasn't been set
<code>disabled</code>	[Boolean] a disabled input can't be interacted with

Labelling `<input>` elements:

```
<label for="input-name">Label</label>
<input id="input-name" />
```

Other types of input fields:

```
<!-- for multiline text inputs -->
<textarea></textarea>

<!-- creates a dropdown list with the given options -->
<select>
  <option>Item 1</option>
  <option>Item 2</option>
</select>
```

Types of `<button>` elements

```
<button type="submit">Submits a form</button>
<button type="reset">Resets a form's data</button>
<button type="button">An all-purpose, generic button</button>
```