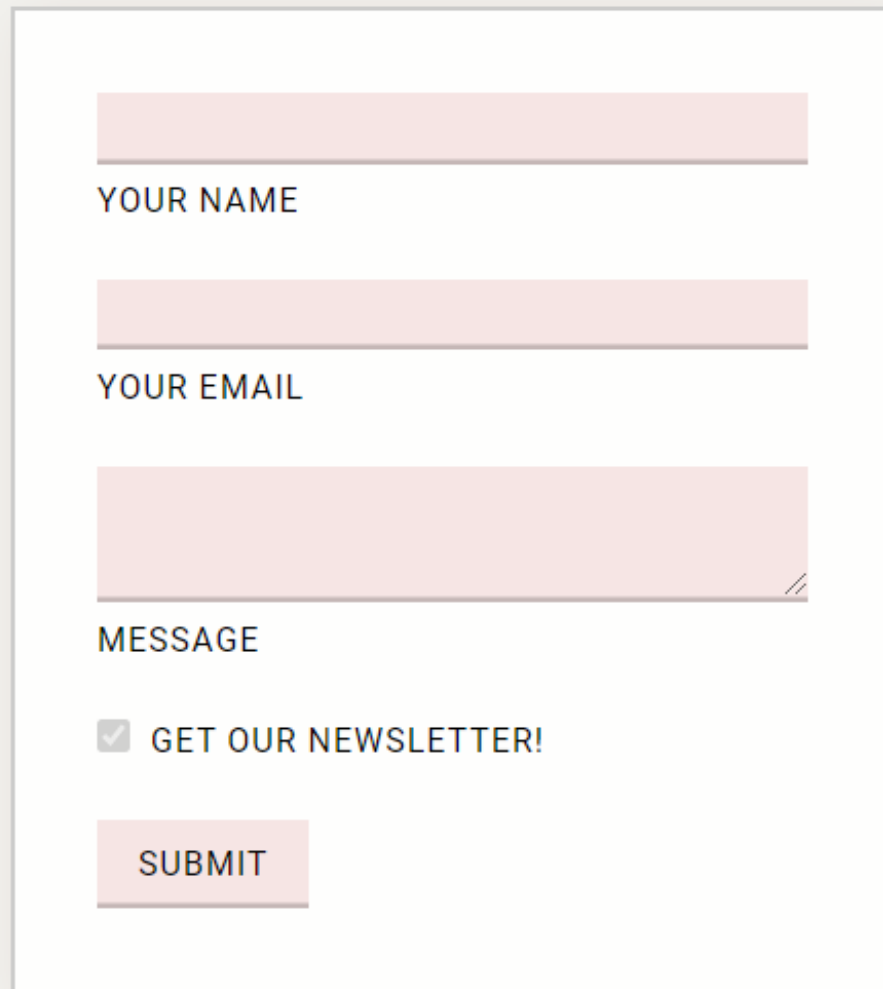# FORMS IN HTML

Labels and Inputs
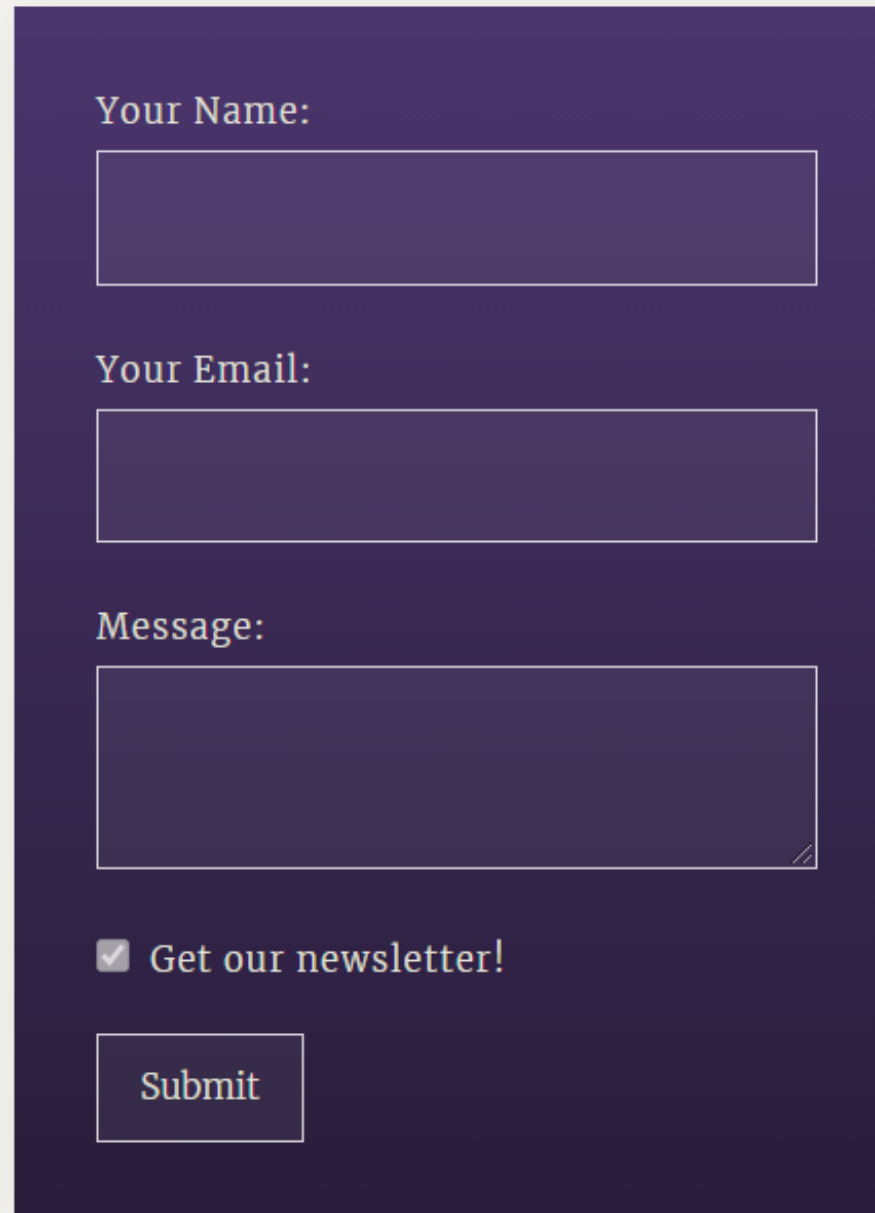
YOUR NAME

YOUR EMAIL

MESSAGE

☑ GET OUR NEWSLETTER!

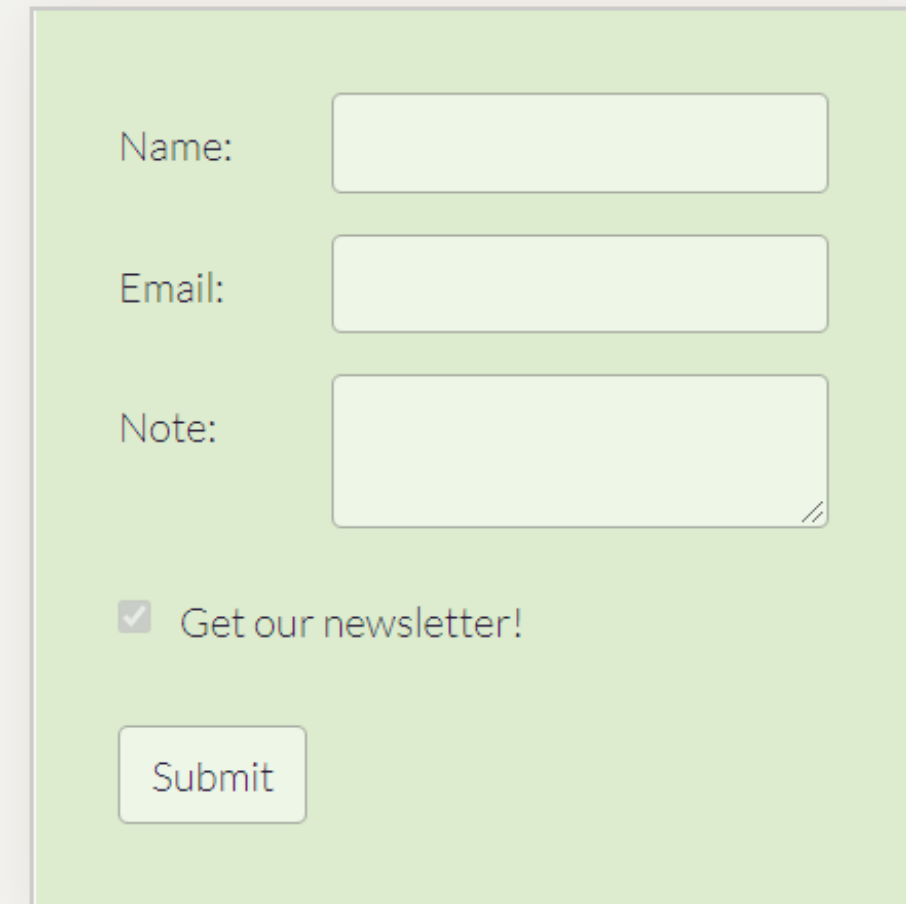SUBMIT

Your Name:

Your Email:

Message:

☑ Get our newsletter!

Submit

Name:

Email:

Note:

☑ Get our newsletter!

Submit

Agenda

1. **What are forms?**
2. **What are inputs?**
3. **What are labels?**
4. **What are they used for?**

What are Forms?

```
1  <form action="index.php" method="post">
2
3      ... (lots of tags) ...
4
5  </form>
```

Result

... (lots of tags) ...

The form element surrounds your entire form. It's used to collect user input (via the inputs). This input can then be sent to a server for processing.

Standard attributes include method and action.

method values: get, post. Has to do with how information is submitted to the server.

Your backend developer /docs will tell you which method to use.

Action value: given to you by your backend dev/docs.

What are input boxes?

<input type="text" > (default)

<input type="button" >

<input type="checkbox" >

<input type="radio" >

<input type="color" >

<input type="date" >

<input type="email" >

<input type="file" >

<input type="hidden" >

<input type="number" >

<input type="password" >

<input type="reset" >

<input type="submit" >

The <input> tage 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.

What are labels?

```
<label for="elementID" >
Label text goes here
</label>
```

The <label> tag defines a label for an element(s).

The advantages of using labels (and why you should) are:

1. Screen readers will read the label out loud.
2. Users who have difficulty seeing or clicking on very small regions (such as checkboxes) will be able to click the label to toggle the input (increases the target area).

Text Area

```
1  <form action="index.php" method="post">
2
3    <label for="comments">Special requests:</label>
4    <textarea id="comments"></textarea>
5
6  </form>
```

Result

Special requests:

A box for extended comments.

It defines a multi-line text input control. Often used in a form to collect inputs like comments or reviews.

MDN Link

Check Boxes

Checkboxes — suitable for several choices among a few options. There can be a single checkbox.

Attributes:

name — optional, but explains what this checkbox is about (in addition to ID)

value — unique value for each checkbox - what is this choice?

checked — start the form with this item selected

```
1  <form action="index.php" method="post">
2
3    <label>
4      <input id="subscribe" type="checkbox" value="subscribe">Add me to your email list
5    </label>
6
7  </form>
```

Result

☐Add me to your email list

MDN Link

Radio Buttons

Radio buttons — suitable for a single choice among a few options. There should be at least two choices.

Attributes:

name — always the same for ALL radio buttons in a group — identifies the choices for a single response

value — unique for each radio button — what is this choice?

checked — start the form with this value pre-selected

[MDN Link](#)

```html
1  <form action="index.php" method="post">
2
3    <label>
4      <input type="radio" name="myradio" value="choice1" checked> Choice 1
5    </label>
6    <label>
7      <input type="radio" name="myradio" value="choice2"> Choice 2
8    </label>
9
10 </form>
```

Result

◉ Choice 1 ○ Choice 2