

# HTML Forms: Inputs, Labels, and Buttons

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## What is a Form?

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Forms allow users to **input data** and send it to a server.

Use the `<form>` tag to create a form.

```
<form>
  <!-- form elements go here -->
</form>
```

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## Text Input Field

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Use `<input type="text">` to get a single line of text from the user.

```
<form>
  <label for="name">Name:</label>
  <input type="text" id="name" name="name">
</form>
```

- `<label>` is used to describe the input.
  - The `for` attribute should match the input's `id`.
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## Password Field

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```
<label for="password">Password:</label>
<input type="password" id="password" name="password">
```

This hides the characters as you type.

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## Submit Button

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Use `type="submit"` to create a button that submits the form.

```
<input type="submit" value="Submit">
```

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## Placeholder Text

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You can show a hint inside the input using the `placeholder` attribute.

```
<input type="text" placeholder="Enter your name">
```

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## Complete Example

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```
<form>
  <label for="email">Email:</label>
  <input type="email" id="email" name="email"
placeholder="you@example.com"><br><br>

  <label for="pass">Password:</label>
  <input type="password" id="pass" name="pass"><br><br>
```

```
<input type="submit" value="Login">  
</form>
```

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## Tip

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- Always label your inputs for better accessibility.
- Use `name` attributes if the form is going to submit data.
- You'll learn more input types in the next lesson.