

# HTML Forms

Getting User Input

# Objectives

- Use the `<form></form>` tag
- Use the `<input>` tag
- Use the `<label></label>` tag
- Write Simple Validations

## New to Twitter? Sign up

**Sign up for Twitter**



Google Search

I'm Feeling Lucky



Email or Phone

☐ Keep me logged in

Password

[Forgot your password?](#)

**Log In**

## Sign Up

It's free and always will be.

### Birthday

Month ▾

Day ▾

Year ▾

[Why do I need to provide my birthday?](#)

☐ Female

☐ Male

By clicking Sign Up, you agree to our [Terms](#) and that you have read our [Data Policy](#), including our [Cookie Use](#).

**Sign Up**

# The `<form>` tag

```
<form action="/my-form-submitting-page" method="post">  
  <!-- All our inputs will go in here -->  
</form>
```

- action - the URL to send form data to
- method - the type of HTTP request

Until we cover Back End JS, our forms won't actually do anything

# The <input> tag

The Input tag creates interactive controls. The "type" attribute determines the type of input

`<input type="text">`

`<input type="date">`

`<input type="color">`

`<input type="file">`

`<input type="checkbox">`

☒

# A Simple Form

```
<h1>Sign In</h1>

<form action="/sign-in-url" method="post">
  <input type="text">
  <input type="password">
  <button>Login</button>
</form>
```

Sign In

Sign In

# Labels

```
<form action="/sign-in-url" method="post">
  <label>Username: <input type="text"></label>
  <label>Password: <input type="password"></label>
  <button>Login</button>
</form>
```

## Sign In

Username:  Password:

Alternate syntax, using "for" and "id" attributes

```
<form action="/sign-in-url" method="post">
  <label for="username">Username:</label>
  <input id="username" type="text">
  <label for="password">Password:</label>
  <input id="password" type="password">
  <button>Login</button>
</form>
```

# Simple Validations

- The 'required' attribute validates that an input is not empty
- There are also type validations. Try changing "type" from "text" to "email"

```
<form action="/sign-in-url" method="post">
  <label for="email">Email:</label>
  <input id="email" type="email" required>
  <label for="password">Password:</label>
  <input id="password" type="password" required>
  <button>Login</button>
</form>
```

## Sign In

Email:  Password:

## Sign In

Email:  Password:



# A More Complicated Form

```
<form action="/some-server-somewhere" method="post">
  <div>
    <label for="name">Text Input:</label>
    <input type="text" id="name" placeholder="Doc Brown" />
  </div>

  <label for="radio-choice-1">Choice 1</label>
  <input type="radio" id="radio-choice-1" value="choice-1" />

  <label for="radio-choice-2">Choice 2</label>
  <input type="radio" id="radio-choice-2" value="choice-2" />

  <div>
    <label for="select-choice">Select Dropdown Choice:</label>
    <select id="select-choice">
      <option value="Dogs">Dogs</option>
      <option value="Cats">Cats</option>
      <option value="Both">Both</option>
    </select>
  </div>

  <div>
    <label for="textarea">Textarea:</label>
    <textarea cols="40" rows="4" id="textarea"></textarea>
  </div>

  <div>
    <label for="checkbox">Checkbox:</label>
    <input type="checkbox" id="checkbox" />
  </div>

  <div>
    <input type="submit" value="Submit" />
  </div>
</form>
```

# The Resulting Form

Text Input:

Choice 1 ☐ Choice 2 ☐

Select Dropdown Choice:

Textarea:

Checkbox: ☐