Forms
Receiving Information on a Web Page

Name

Email

Website
Forms

Web pages are good not just for providing information to visitors, but also gathering information from them.

The HTML `<form>` element is used to define a form for getting user input.

A variety of form elements are used to provide an interface for the input.

These form elements include text fields, checkboxes, drop-down menus, and buttons.
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charity: water
100% funds water projects

Email

Name

Street

City ZIP Code

United States

Give
<form action="my-script.php">

First name:
<input type="text" name="firstname">
<br>

Last name:
<input type="text" name="lastname">
<br>

<input type="submit" value="Submit">
</form>
Forms always begin with the `<form>` element.

The `<form>` element’s `action` attribute specifies how the form will be processed.

The `<input>` element is used for various kinds of user input.

The `<input>` element’s `type` attribute determines what kind of input is received from users.

Each `<input>` element must also have a name attribute and value in order for the data to be sent.
Forms
Validation

Before form data gets sent, it’s important to validate the input.

• You may want to make certain form fields required.

• You probably want to make sure that certain fields are completed properly.

• You should also verify that malicious code is not sent along with form input.

Form validation can be done client-side, server-side, or both.

We will use a jQuery validation plugin for simple client-side form validation.
Normally, forms are sent to the server to be processed.

This requires a server-side application written in a back-end language.

Since server-side coding is beyond the scope of this class, we will use a free service that receives form data and emails it to you.

Formspree is a project that allows us to easily add forms to otherwise static HTML pages.
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