Forms
Gathering Information on a Web Page

Name

Email

Website

Submit
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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**NYU Login**
Login to NYUHome

Username

By your use of these resources, you agree to abide by the Policy on Responsible Use of NYU Computers and Data.

Password

LOGIN

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Forms  
Gathering Information on a Web Page  

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.
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.
Forms

Processing

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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