**Form Validation**

Why?

* Get the correct data in the correct format
* Protect the data
* Protect the server

Methods:

* Built-in html form validation
  + Required, minlength, maxlength, min/max, type, pattern
  + css :valid/:invalid pseudo-class, :out-of-range
  + Regex: pattern=”[Bb]anana|[Cc]herry”
* JavaScript (constraint validation api)
  + .validity
    - PatternMismatch, tooLong, maxLength, tooShort, rangeOverflow, rangeUnderflow, typeMismatch, valid, valueMissing
  + Checkvalidity()
  + setCustomValidity(‘Message’)

**Fetch**

* credentials: ‘include’/’same-origin’/’omit’
* Uploading json:
  + method: ‘POST’/’PUT’
  + headers: {Content-Type: ‘application/json’,},
  + body: JSON.stringify(data),
* Uploading file:
  + fileField = document.querySelector('input[type="file"]');
  + method: “PUT”
  + body: formData