

HTML & CSS

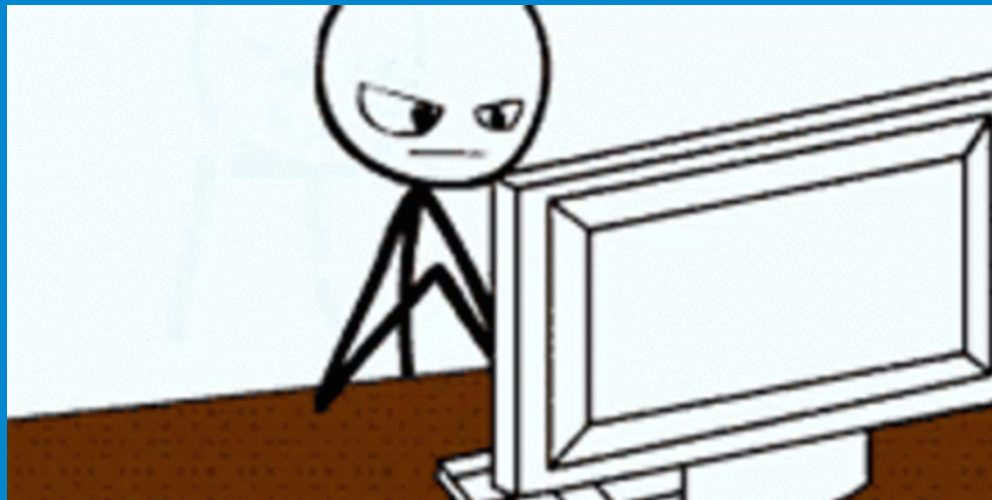
Martin Hutchings



Day Seven

- Tables
- iFrames
- Forms

Tables



Syntax

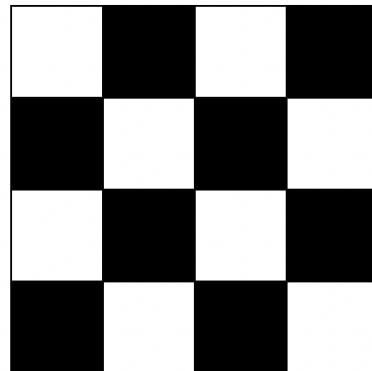
```
<table>
  <caption>Student Grades WDD 921</caption>
  <tr>
    <th>First Name</th>
    <th>Last Name</th>
    <th>Grade</th>
  </tr>
  <tr>
    <td>Harry</td>
    <td>Potter</td>
    <td>10</td>
  </tr>
  <tr>
    <td>Hermione</td>
    <td>Granger</td>
    <td>1</td>
  </tr>
  <tr>
    <td>Ron</td>
    <td>Weasley</td>
    <td>12</td>
  </tr>
</table>
```

Students Grades WDD 995

First Name	Last Name	Grade (Eng)
Harry	Potter	8
Hermione	Granger	1
Ron	Weasley	12
Draco	Malfoy	6

Hogwarts Time Table - Year 5

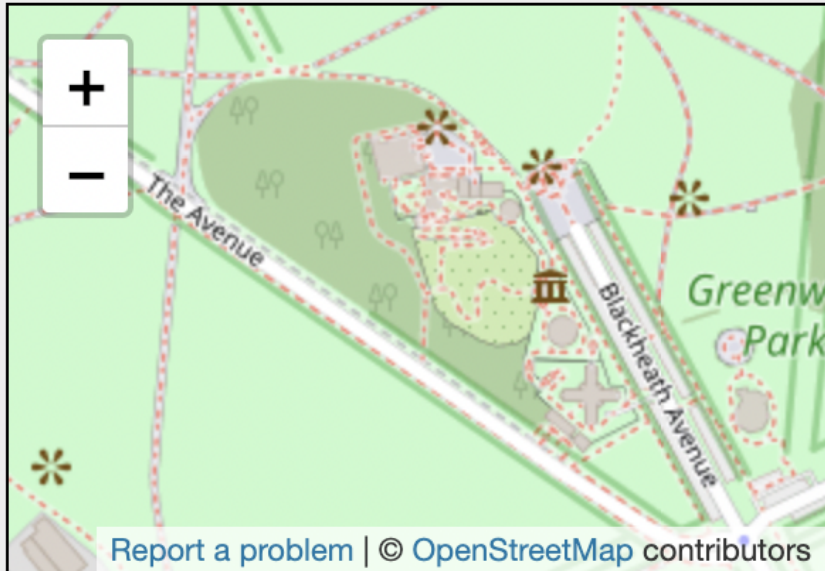
Hours	Mon	Tue	Wed	Thu	Fri
	DAtDA	Potions	DAtDA	Potions	Divination
	Flying	History	Runes	Transf.	Transf.
	Lunch				
	DAtDA	Potions	DAtDA	Potions	Project
	Flying	History	Runes	Transf.	



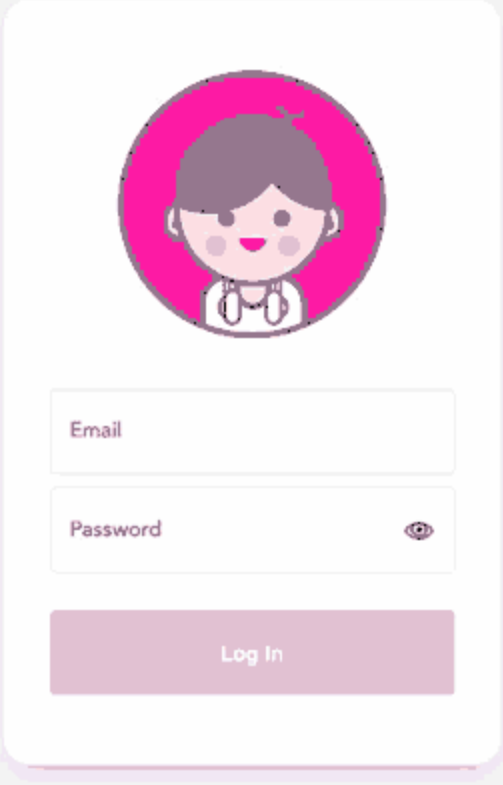
iFrames

```
<iframe id="inlineFrameExample"
  title="Inline Frame Example"
  width="300"
  height="200"
  src="https://www.openstreetmap.org/export/embed.html?bbox=-0.004017949104309083%2C51.47612752641776%2C0.00030577182769775396%2C51.478569861898606&layer=mapnik">
</iframe>
```

Output



Forms



A login form with a white background and rounded corners, centered on a light gray background. At the top is a circular profile picture of a woman with brown hair and a pink bow, wearing a white top with a necklace. Below the profile picture are two input fields: one labeled "Email" and another labeled "Password" with a small eye icon to its right. At the bottom is a pink button labeled "Log In".

`<form>`, `<input>` and `<label>`

- All form elements are contained in a `<form>` tag
- All `<input>` elements in a form should have a corresponding `<label>` to be accessible.
- There are multiple types of input elements that fit different purposes.

`<input>` types

- `text` : first name, last name
- `email` : email validation
- `password` : hides password field using *****
- `tel` : telephone numbers
- `url` : a link to a website
- `radio` : radio button (has to have a `name` attribute identical to the other radio button)
- `checkbox` : checkbox, does not depend on other checkboxes
- `number` : can have a `min` and `max` attribute

`<input>` types

- `<selection>`
 - contains `<option>`s
 - not actually an `input`
- `date` : provides a date picker in modern browsers
- `color` : provides a color picker in modern browsers
- `time` : provides a time picker in modern browsers
- `<input list="foo">`
 - is bound to a `<datalist id="foo">`
 - the list can have multiple `<option>`s

- `<selection>`
 - contains `<option>`s
 - not actually an `input`
- `date` : provides a date picker in modern browsers
- `color` : provides a color picker in modern browsers
- `time` : provides a time picker in modern browsers
- `<input list="foo">`
 - is bound to a `<datalist id="foo">`
 - the list can have multiple `<option>`s
- `<textarea>` : Multiple lines of text

Example:

```
<form>
  <label for="first-name">First Name</label>
  <input type="text" id="first-name">
  <label for="last-name">Last Name</label>
  <input type="text" id="last-name">
  <label for="email">Email Address</label>
  <input type="email" id="email">
  <label for="message">Your Message</label>
  <textarea name="message" id="message" cols="30" rows="10"></textarea>
</form>
```

Contact Us

First Name

Last Name

Email Address

Your Message

Send

Homework