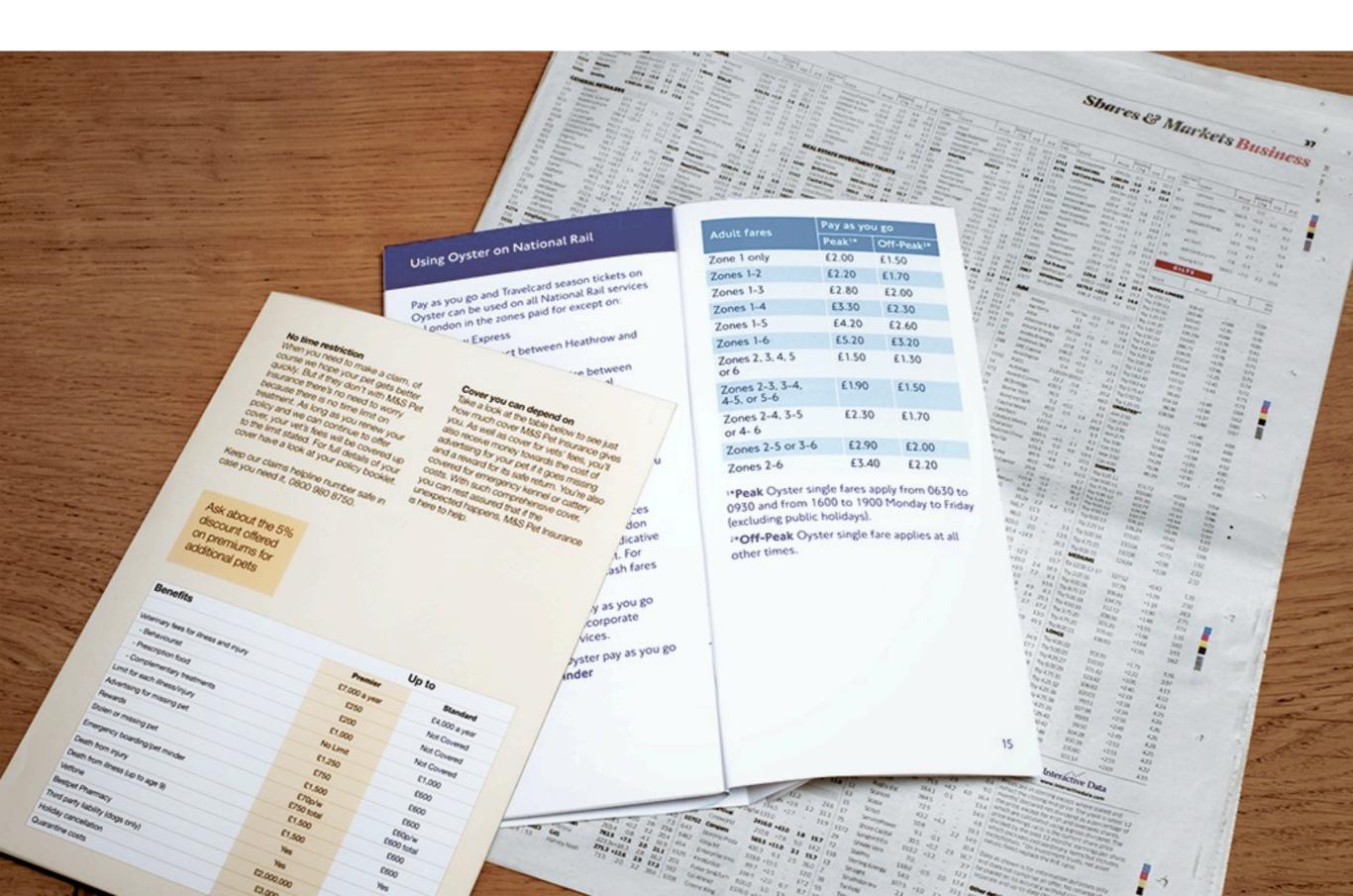
HTML&CSS

design and build websites



WHAT'S A TABLE?



```
15
15
30
45
60
90
```

```
15
15
30
45
60
>90
```

```
15
15
30
>
45
60
>90
```



```
15
15
30
45
60
>90
```



15 15 3045 60 45

LINE BREAKS & HORIZONTAL RULES

VSCode:

table>tr*2>td*3



LINE BREAKS & HORIZONTAL RULES

VSCode:

table>tr*3>td*3



LINE BREAKS & HORIZONTAL RULES

VSCode:

table>tr*3>td*2





Moodle Exercise

TABLE HEADINGS

```
Saturday
Sunday
Tickets sold
120
135
```

TABLE HEADINGS

```
Saturday
Sunday
Tickets sold
120
135
```

TABLE HEADINGS

```
Saturday
Sunday
Tickets sold
120
135
```



Saturday Sunday

Tickets sold: 120 135



WHY FORMS?



Or enter a new shipp Be sure to click "Ship to this	_	1
Full Name:		
Address Line1:	Street address, P.O. box, company name, c/o	7
Address Line2:	Apartment, suite, unit, building, floor, etc.	į
City:		5
State/Province/Region:		
ZIP:		
Country:	United States	
Phone Number:		e
Optional Delivery Prefere	ences (What's this?)	
Address Type:	Select an Address Type ‡	
Security Access Code:	For buildings or gated communities	
Chin to this address		slp

FORM CONTROLS

ADDING TEXT:

Text input (single-line)

Ivy

Password input

•••••

Text area (multi-line)

Enter your comments...

MAKING CHOICES:

Radio buttons

● Rock ○ Pop ○ Jazz

Checkboxes

diTunes ☐ Last.fm ☐ Spotify

Drop-down boxes

iPod 🗘

SUBMITTING FORMS:

Submit buttons

Subscribe

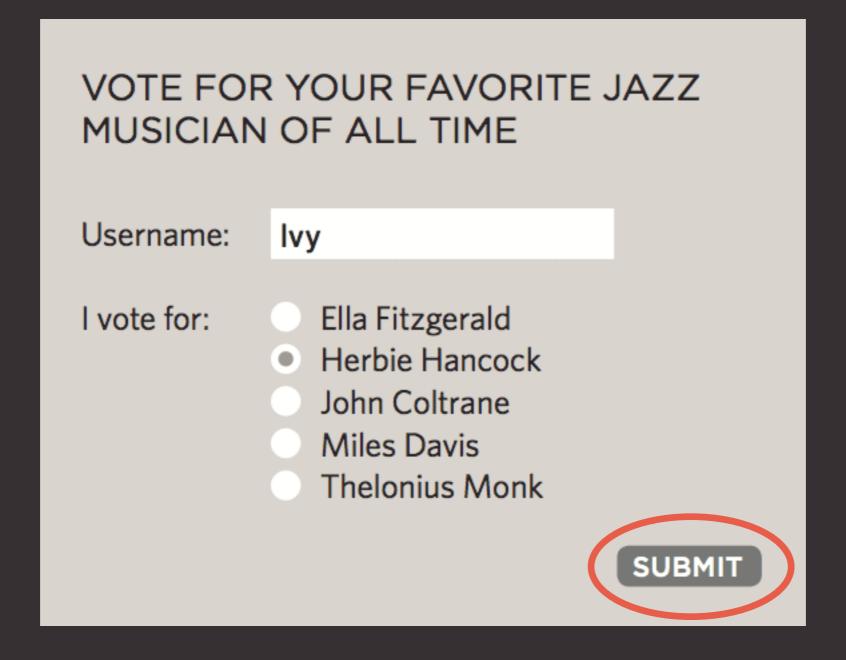
Image buttons

SUBSCRIBE

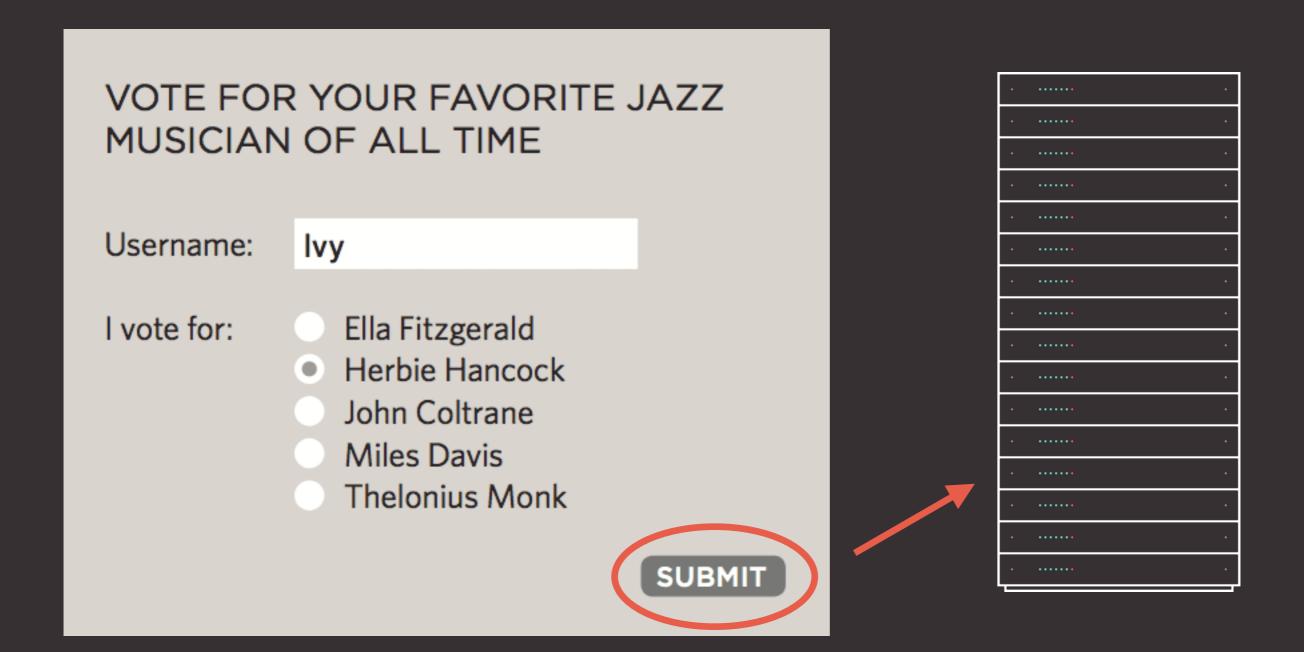
UPLOADING FILES:

File upload

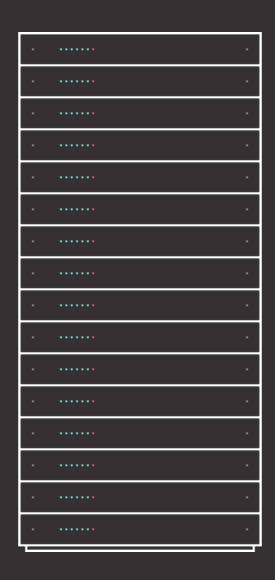
Upload Browse...



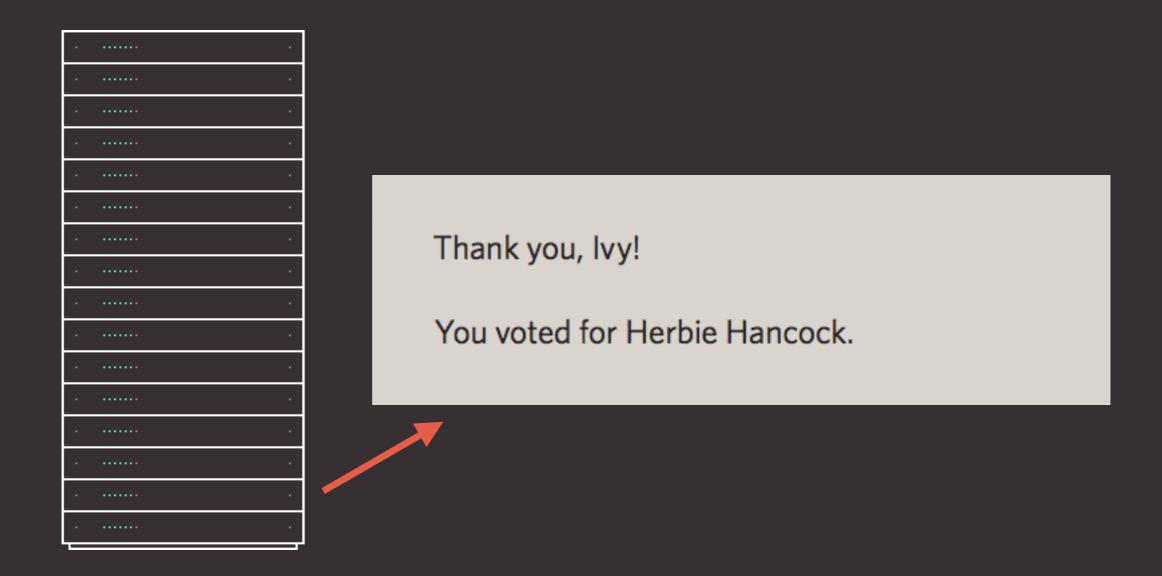
1: User fills in form and presses button to submit info to server



2: Name of each form control sent with value user entered



3: Server processes information using programming language



4: Server creates new page to send back to the browser based on info received

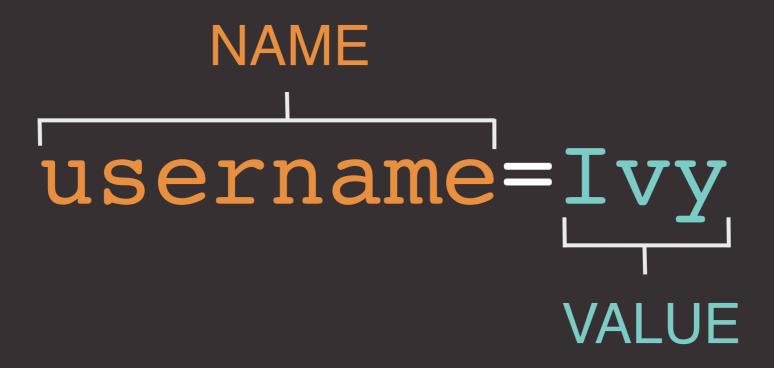
NAME & VALUE PAIRS

username=Ivy

NAME & VALUE PAIRS



NAME & VALUE PAIRS



FORM STRUCTURE

HTML

```
<form
    action="http://example.com/join.php"
    method="get">

This is where the form controls
    will appear.
```

</form>

FORM STRUCTURE

</form>

```
HTML
```

```
<form
   action="http://example.com/join.php"
   method="get">

This is where the form controls
   will appear.
```

FORM STRUCTURE

</form>

```
HTML
```

```
<form
    action="http://example.com/join.php"
    method="get">

This is where the form controls
    will appear.
```

```
HTML
```

```
HTML
```

```
HTML
```

```
HTML
```



Username:

PASSWORD

PASSWORD



Username: Ivy

Password:

•••••

```
HTML
```

```
Your favorite music service:<br />
 <input type="checkbox" name="service"</pre>
  value="iTunes"
  checked="checked" /> iTunes
 <input type="checkbox" name="service"</pre>
  value="Last.fm" /> Last.fm
 <input type="checkbox" name="service"</pre>
 value="Spotify" /> Spotify
```

```
HTML
```

```
Your favorite music service:<br />
 <input type="checkbox" name="service"</pre>
  value="iTunes"
  checked="checked" /> iTunes
 <input type="checkbox" name="service"</pre>
  value="Last.fm" /> Last.fm
 <input type="checkbox" name="service"</pre>
 value="Spotify" /> Spotify
```

```
HTML
```

```
Your favorite music service:<br />
 <input type="checkbox" name="service"</pre>
  value="iTunes"
  checked="checked" /> iTunes
 <input type="checkbox" name="service"</pre>
  value="Last.fm" /> Last.fm
 <input type="checkbox" name="service"</pre>
 value="Spotify" /> Spotify
```

```
HTML
```

```
Your favorite music service:<br />
 <input type="checkbox" name="service"</pre>
  value="iTunes"
  checked="checked" /> iTunes
 <input type="checkbox" name="service"</pre>
  value="Last.fm" /> Last.fm
 <input type="checkbox" name="service"</pre>
 value="Spotify" /> Spotify
```

```
HTML
```

```
Your favorite music service:<br />
 <input type="checkbox" name="service"</pre>
  value="iTunes"
  checked="checked" /> iTunes
 <input type="checkbox" name="service"</pre>
  value="Last.fm" /> Last.fm
 <input type="checkbox" name="service"</pre>
 value="Spotify" /> Spotify
```



Your favorite music service:

Using Data attributes

HTML5 is designed with extensibility in mind for data that should be associated with a particular element but need not have any defined meaning. data
* attributes allow us to store extra information on standard, semantic HTML elements

Using Data attributes

Any attribute on any element whose attribute name starts with data— is a data attribute. Say you have an article and you want to store some extra information that doesn't have any visual representation.

Just use data attributes for that:

```
<article
  id="electric-cars"
  data-columns="3"
  data-index-number="12314"
  data-parent="cars">
...
</article>
```

Using Data attributes

```
<input
  name="qnt_1"
  type="text"
  id="qnt_1"
  value="0"
  size="3"
  data-price="100"
/>
```

```
<select name="devices">
 <option value="iPod"</pre>
  selected="selected">iPod</option>
 <option value="radio">Radio</option>
 <option value="PC">Computer</option>
</select>
```

```
<select name="devices">
 <option value="iPod"</pre>
  selected="selected">iPod</option>
 <option value="radio">Radio</option>
 <option value="PC">Computer</option>
</select>
```

```
<select name="devices">
 <option value="iPod"</pre>
  selected="selected">iPod</option>
 <option value="radio">Radio</option>
 <option value="PC">Computer</option>
</select>
```

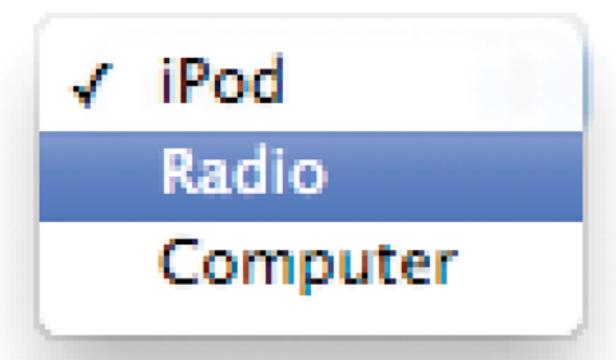
```
<select name="devices">
 <option value="iPod"</pre>
  selected="selected">iPod</option>
 <option value="radio">Radio</option>
 <option value="PC">Computer</option>
</select>
```

```
<select name="devices">
 <option value="iPod"</pre>
  selected="selected">iPod</option>
 <option value="radio">Radio</option>
 <option value="PC">Computer</option>
</select>
```

```
HTML
```

```
<select name="devices">
 <option value="iPod"</pre>
  selected="selected">iPod</option>
 <option value="radio">Radio</option>
 <option value="PC">Computer</option>
</select>
```





SUBMIT BUTTON

```
<form action="http://eg.com/email.php">
Subscribe to our email list:
<input type="text" name="email" />
<input type="submit"</pre>
        value="Subscribe" />
</form>
```

SUBMIT BUTTON

SUBMIT BUTTON

```
HTML
```



Subscribe to our email list:

Subscribe

BUTTONS

```
HTML
```

BUTTONS

```
HTML
```

BUTTONS

```
HTML
```



