CHAPTER 7
FORMS

WHY FORMS?

amazon.com
SIGN IN
SHIPPING & PAYMENT
GIFT-WRAP
PLACE ORDER
facebook
Email
Password
Log In
Keep me logged in
Forgot your password?
Facebook helps you connect and share with the people in your life.
Sign Up
It's free and always will be.
First Name:
Last Name:
Your Email:
Re-enter Email:
New Password:
I am:
Select Sex:
Birthday:
Month:
Day:
Year:
Why do I need to provide my birthday?
By clicking Sign Up, you agree to our Terms and that you have read and understand our Data Use Policy.
Sign Up
Create a Page for a celebrity, band or business.
English (UK) English (US) Cymraeg Español Português (Brasil) Français (France) Deutsch Italiano
Facebook © 2012 · English (US)
Mobile · Find Friends · Badges · People · Pages · About · Advertising · Create a Page · Developers · Careers · Privacy · Terms · Help
Ship to this address

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

iTunes Last.fm Spotify

Drop-down boxes

iPod

SUBMITTING FORMS:

Submit buttons

Subscribe

Image buttons

SUBSCRIBE

UPLOADING FILES:

File upload

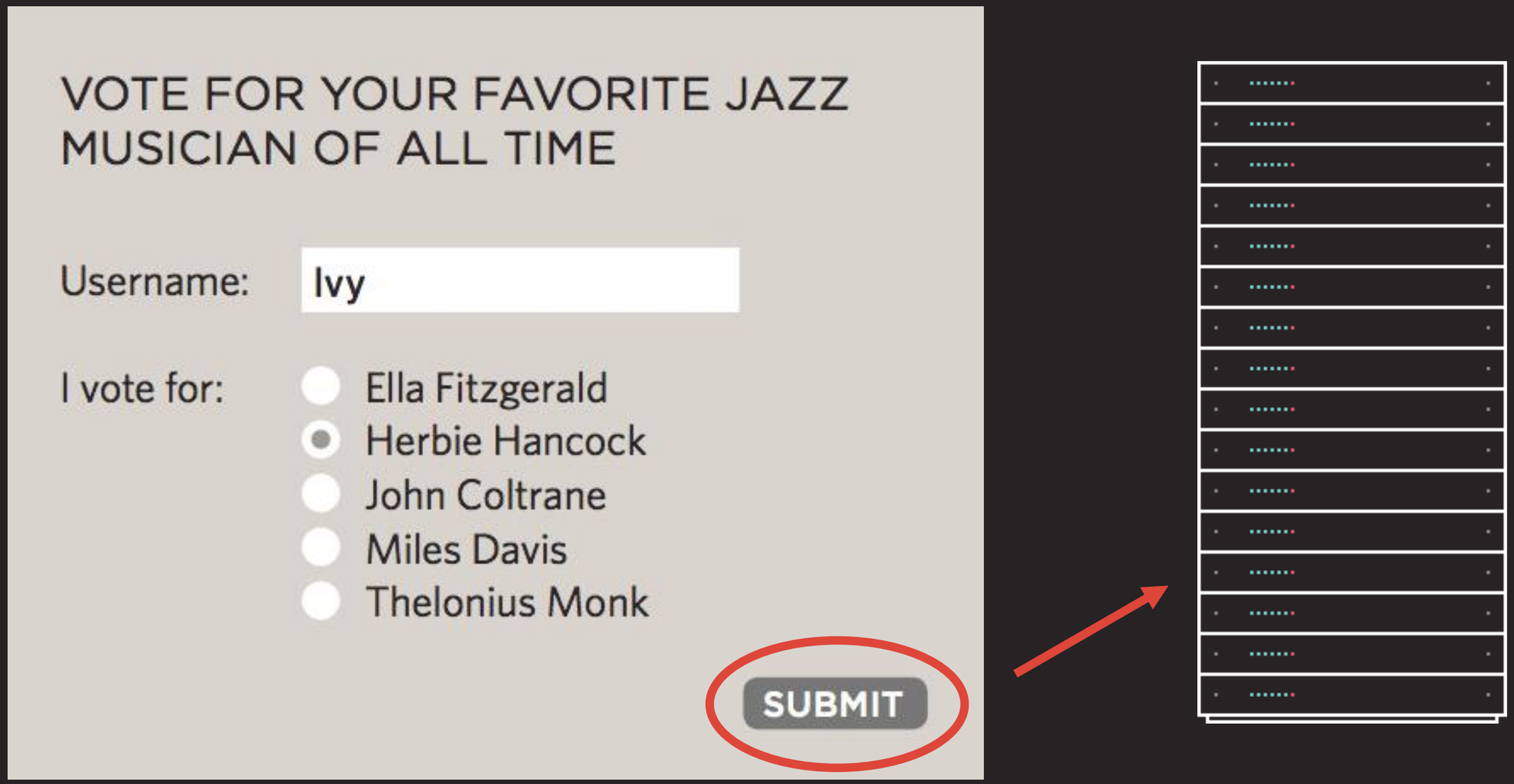
Browse...

Upload

HOW FORMS WORK

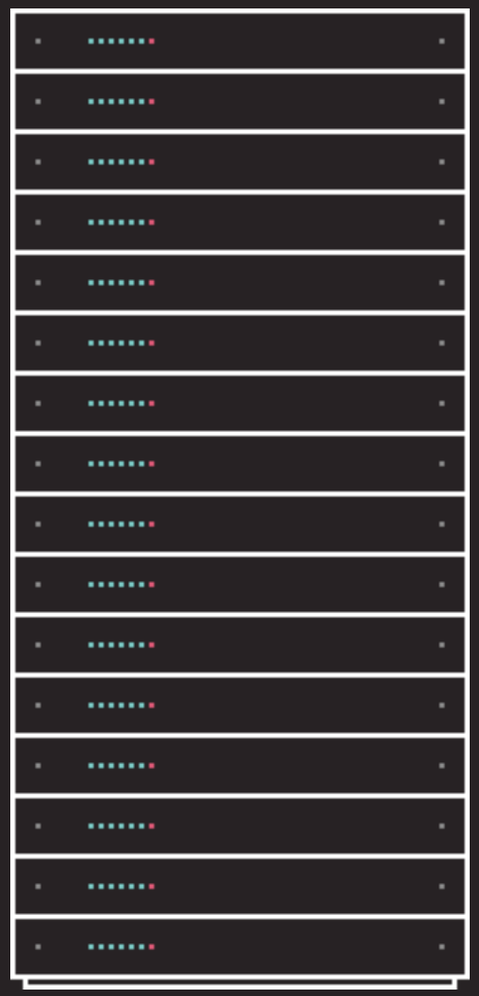
1: User fills in form and presses button to submit info to server

HOW FORMS WORK



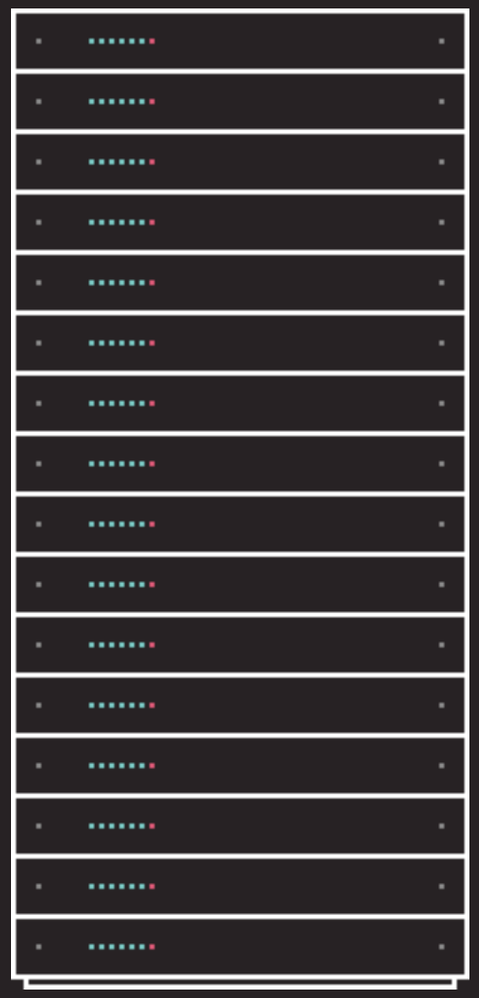
2: Name of each form control sent with value user entered

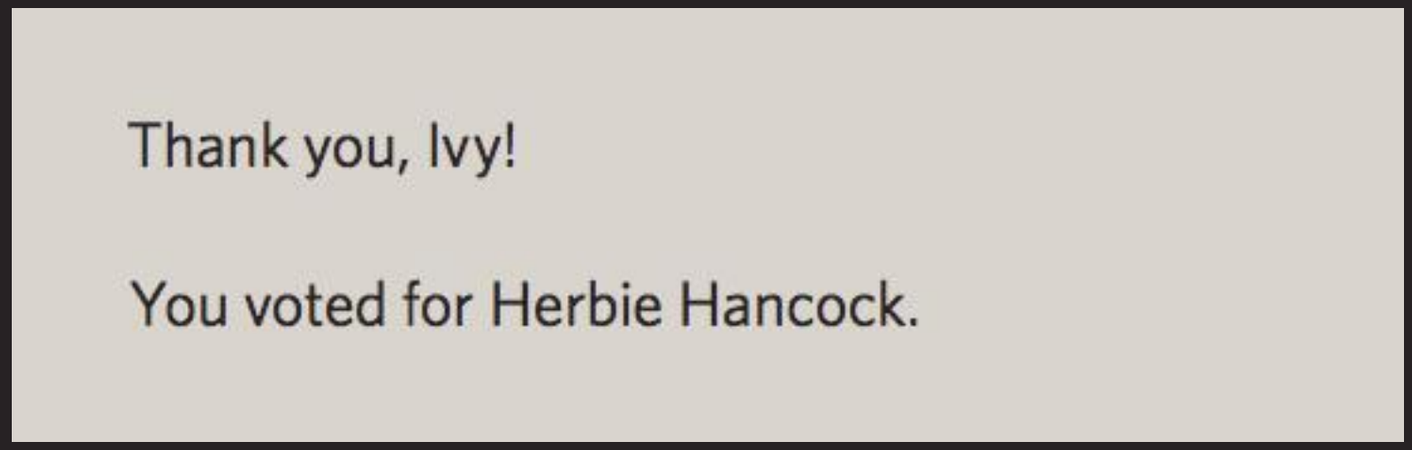
HOW FORMS WORK



3: Server processes information using programming language

HOW FORMS WORK





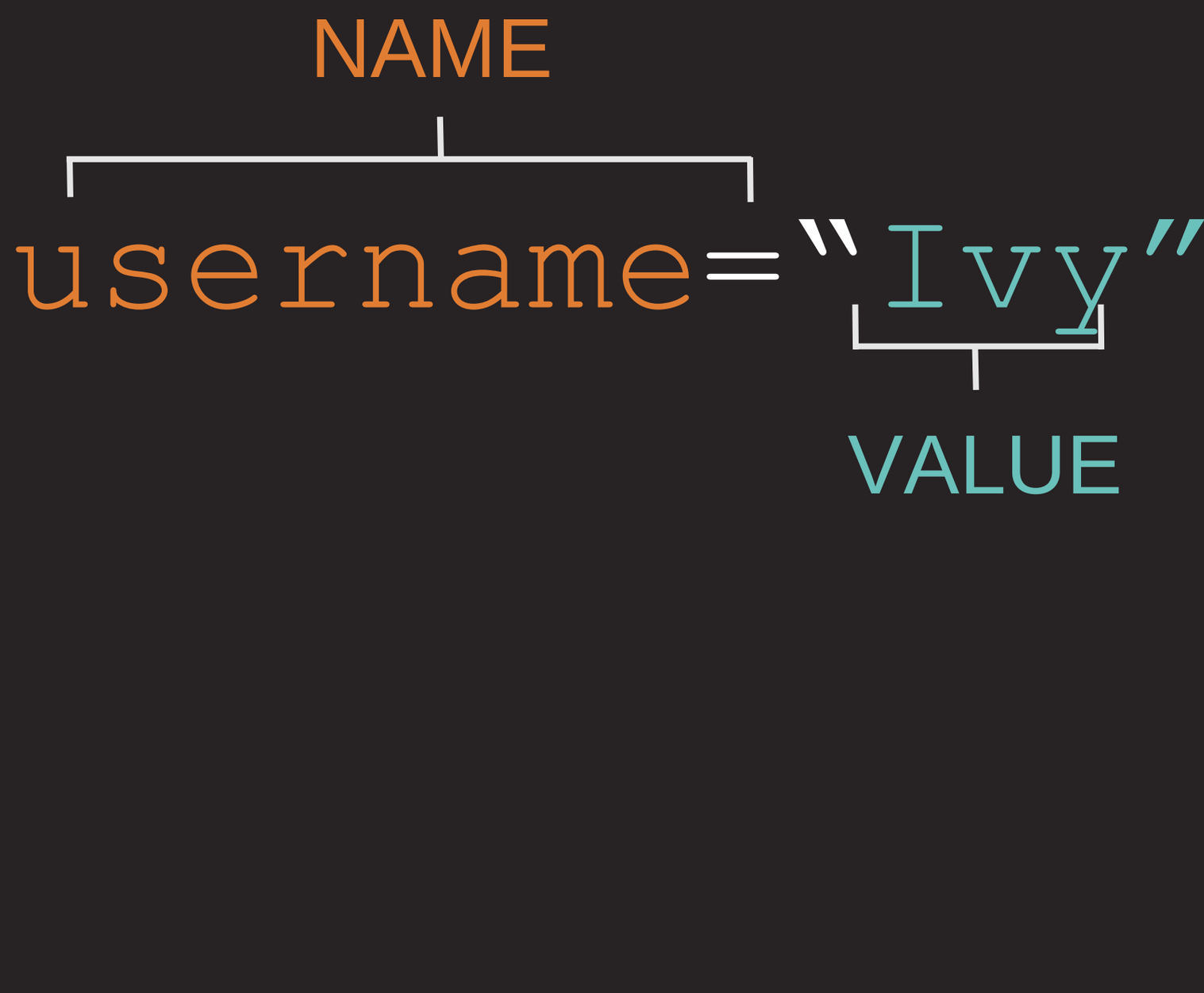
4: Server creates new page to send back to the browser based on info received

NAME & VALUE PAIRS

```
username="Ivy"
```

NAME & VALUE PAIRS

NAME & VALUE PAIRS



FORM STRUCTURE

```
<form
      action="mailto:gurkewitzr@wcsu.edu"
      method="get">

      This is where the form controls
      will appear.

</form>
```

FORM STRUCTURE

```
<form
      action="mailto:gurkewitzr@wcsu.edu"
      method="get">

      This is where the form controls
      will appear.   Several different
      controls are created with the input
      element The action attribute shows the
      page the form is sent to

</form>
```

TEXT INPUT

```
<form
 action="mailto:gurkewitzr@wcsu.edu"
 method="post">

 <input type="text" name="username"
        size="15" maxlength="30" />

</form>
```

TEXT INPUT

```
<form
  action=“mailto:gurkewitzr@wcsu.edu”
          method = “post”>
  Username:
  <input type="text" name="username"
          size="15" maxlength="30" />

</form>
```

RESULT

Username:

PASSWORD

```
<form action="mailto:gurkewitzr@wcsu.edu"
method="get">
<p>Username:
 <input type="text" name="username"
        size="15" maxlength="30" />
</p>

<p>Password:
 <input type="password" name="password"
        size="15" maxlength="30" />
</p>
</form>
```

RESULT

Username: Ivy

Password: •••••••

TEXTAREA

```
<form action="mailto:gurkewitzr@wcsu.edu"
method="get">
<p>What did you think of this gig?</p>
```

```
<textarea name="comments"
    cols="20" rows="4">
    Enter your comments...
</textarea>
</form>
```

RESULT

What did you think of this gig?

Enter your comments...

RADIO BUTTON

```
Note: all names in a group are same so
they work together
<form action="mailto:gurkewitzr@wcsu.edu"
method="get">
<p>Your favorite genre:<br />
<input type="radio" name="genre"
   value="rock" checked="checked" /> Rock
<input type="radio" name="genre"
   value="pop"  /> Pop
<input type="radio" name="genre"
   value="jazz" /> Jazz
<
/p></form>
```

RESULT

Please select your favorite genre:

Rock Pop Jazz

CHECKBOX

```
Note: all names same for a group

<p>Your favorite music service:<br />
 <input type="checkbox" name="service"
  value="iTunes"
  checked="checked" /> iTunes

 <input type="checkbox" name="service"
  value="Last.fm" /> Last.fm

 <input type="checkbox" name="service"
  value="Spotify" /> Spotify
</p>
```

CHECKBOX

```
<p>Your favorite music service:<br />
 <input type="checkbox" name="service"
  value="iTunes"
  checked="checked" /> iTunes

 <input type="checkbox" name="service"
  value="Last.fm" /> Last.fm

 <input type="checkbox" name="service"
  value="Spotify" /> Spotify
</p>
```

CHECKBOX

```
<p>Your favorite music service:<br />
 <input type="checkbox" name="service"
  value="iTunes"
  checked="checked" /> iTunes

 <input type="checkbox" name="service"
  value="Last.fm" /> Last.fm

 <input type="checkbox" name="service"
  value="Spotify" /> Spotify
</p>
```

CHECKBOX

```
<p>Your favorite music service:<br />
 <input type="checkbox" name="service"
  value="iTunes"
  checked="checked" /> iTunes

 <input type="checkbox" name="service"
  value="Last.fm" /> Last.fm

 <input type="checkbox" name="service"
  value="Spotify" /> Spotify
</p>
```

CHECKBOX

```
<p>Your favorite music service:<br />
 <input type="checkbox" name="service"
  value="iTunes"
  checked="checked" /> iTunes

 <input type="checkbox" name="service"
  value="Last.fm" /> Last.fm

 <input type="checkbox" name="service"
  value="Spotify" /> Spotify
</p>
```

RESULT

Your favorite music service:

☑ iTunes ☐ Last.fm ☐ Spotify

DROP DOWN LIST BOX

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

DROP DOWN LIST BOX

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

DROP DOWN LIST BOX

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

DROP DOWN LIST BOX

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

DROP DOWN LIST BOX

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

DROP DOWN LIST BOX

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

RESULT

MULTIPLE SELECT BOX

```
<select name="devices" size="4">

 <option value="guitar"
   selected="selected">Guitar</option>
 <option value="drums">Drums</option>
 <option value="keys"
  selected="selected">Keyboard</option>
 <option value="bass">Bass</option>

</select>
```

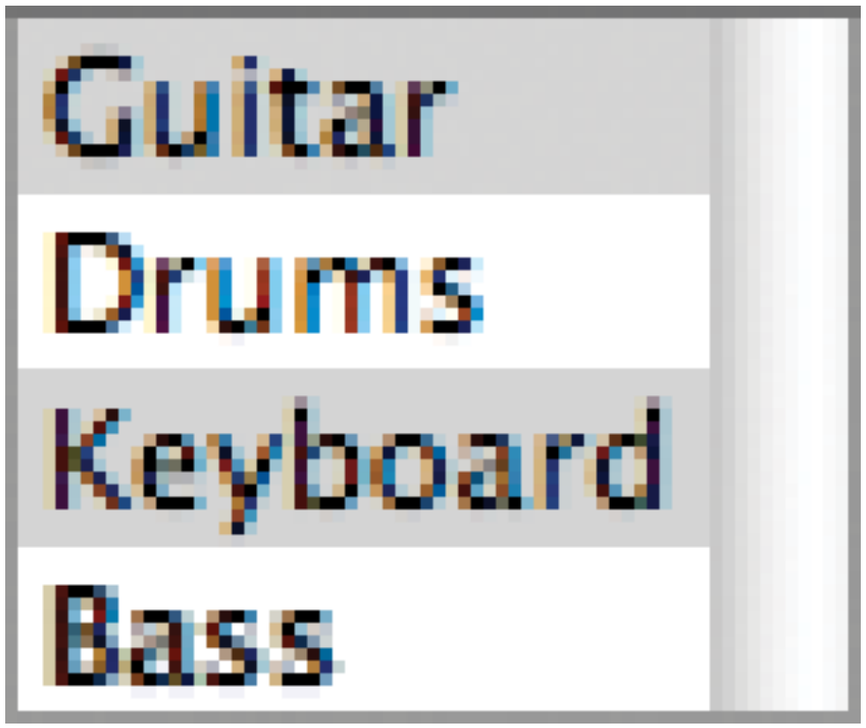
MULTIPLE SELECT BOX

```
<select name="devices" size="4">

 <option value="guitar"
   selected="selected">Guitar</option>
 <option value="drums">Drums</option>
 <option value="keys"
  selected="selected">Keyboard</option>
 <option value="bass">Bass</option>

</select>
```

RESULT



FILE INPUT BOX

```
<form action="http://eg.com/upload.php"
      method="post">

  <p>Upload your song in MP3 format:</p>

  <input type="file" name="user-song" />

  <input type="submit" value="upload" />

</form>
```

FILE INPUT BOX

```
<form action="http://eg.com/upload.php"
      method="post">

  <p>Upload your song in MP3 format:</p>

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FILE INPUT BOX

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<form action="http://eg.com/upload.php"
      method="post">

  <p>Upload your song in MP3 format:</p>

  <input type="file" name="user-song" />

  <input type="submit" value="upload" />

</form>
```

RESULT

Upload your song in MP3 format:

Browse...

Upload

SUBMIT BUTTON

```
<form action=mailto:gurkewitzr@wcsu.edu
      method="post">
 <p>Subscribe to our email list:</p>

 <input type="text" name="email" />

 <input type="submit"
        value="Subscribe" />

</form>
```

SUBMIT BUTTON

```
<form action="http://eg.com/email.php">
 <p>Subscribe to our email list:</p>

 <input type="text" name="email" />

 <input type="submit"
        value="Subscribe" />

</form>
```

SUBMIT BUTTON

```
<form action="http://eg.com/email.php">
 <p>Subscribe to our email list:</p>

 <input type="text" name="email" />

 <input type="submit"
        value="Subscribe" />

</form>
```

RESULT

Subscribe to our email list:

Subscribe

RESULT

Subscribe to our email list:

SUBSCRIBE

BUTTONS

```
<form action="mailto:gurkewitzr@wcsu.edu">

  <button>
    <img src="images/add.gif" alt="add"
     width="10" height="20" />
  </button>

</form>
```

BUTTONS

```
<form action="mailto:gurkewitzr@wcsu.edu">

  <button>
    <img src="images/add.gif" alt="add"
     width="10" height="20" />
  </button>

</form>
```

RESULT

HIDDEN FORM CONTROLS

```
<form action="http://eg.com/add.php">

  <button>
    <img src="images/add.gif" alt="add"
     width="10" height="20" /></button>

 <input type="hidden" name="bookmark"
    value="lyrics" />

</form>
```

RESULT

LABELLING FORM CONTROLS

```
<form action="http://eg.com/email.php">
 <label>Age:
  <input type="text" name="Age" /></label>
 Gender:
 <input id="female" type="radio"
    name="gender" value="f" />
 <label for="female">Female</label>
 <input id="male" type="radio"
    name="gender" value="m" />
 <label for="female">Male</label>
</form>
```

LABELLING FORM CONTROLS

```
<form action="http://eg.com/email.php">
 <label>Age:
  <input type="text" name="Age" /></label>
 Gender:
 <input id="female" type="radio"
    name="gender" value="f" />
 <label for="female">Female</label>
 <input id="male" type="radio"
    name="gender" value="m" />
 <label for="female">Male</label>
</form>
```

RESULT

Age:

Gender: Female Male

GROUPING FORM ELEMENTS

```
<fieldset>
 <legend>Contact details</legend>
 <label>Email:<br />
 <input type="text" name="email"></label>
 <br />
 <label>Mobile:<br />
 <input type="text" name="mobile"></label>
 <br />
 <label>Telephone:<br />
 <input type="text" name="tel"></label>
</fieldset>
```

GROUPING FORM ELEMENTS

```
<fieldset>
 <legend>Contact details</legend>
 <label>Email:<br />
 <input type="text" name="email"></label>
 <br />
 <label>Mobile:<br />
 <input type="text" name="mobile"></label>
 <br />
 <label>Telephone:<br />
 <input type="text" name="tel"></label>
</fieldset>
```

GROUPING FORM ELEMENTS

```
<fieldset>
 <legend>Contact details</legend>
 <label>Email:<br />
 <input type="text" name="email"></label>
 <br />
 <label>Mobile:<br />
 <input type="text" name="mobile"></label>
 <br />
 <label>Telephone:<br />
 <input type="text" name="tel"></label>
</fieldset>
```

RESULT

Contact details

Email:

Mobile:

Telephone:

SUMMARY

Whenever you want to collect information from visitors you will need a form, which lives inside a `<form>` element.

SUMMARY

Information from a form is sent in name/value pairs.

SUMMARY

Each form control is given a name, and the text the user types in or the values of the options they select are sent to the server.

Safari File Edit View History Bookmarks Develop Window Help

Sun 12:19

Forms

http://www.htmlandcssbook.com/code/chapter-07/example.html

Google

Your Details:

Name:

Email:

Your Review:

How did you hear about us? Google

Would you visit again?
Yes No Maybe

Comments:

Sign me up for email updates

Submit review

MacBook Pro