

Website Design I

Queens College Art Department | Spring 2019
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Week 08: 03/15/2019

ARTS 214 – 01
Friday 10:00 am – 1:50 pm
I-Building 203

Four Ds

Discover

Define

Design

Develop

Four Ds

Discover

Define

Design

Develop

Basic Structure and Elements

- Text
- Links
- Lists
- Images
- Tables
- Forms
- Audio
- Video

Lists

1

ORDERED

1. Chop potatoes into quarters
2. Simmer in salted water
3. Heat milk and butter
4. Drain potatoes and mash
5. Mix in the milk mixture

2

UNORDERED

- 1kg King Edward potatoes
- 100ml milk
- 50g salted butter
- Freshly grated nutmeg
- Salt and pepper to taste

3

DEFINITION

Sashimi

Sliced raw fish

Scale

A device used to accurately measure weight

Ordered List

HTML

```
<ol>
  <li>Chop potatoes into quarters</li>
  <li>Simmer in salted water for 15-20
    minutes until tender</li>
  <li>Heat milk, butter and nutmeg</li>
  <li>Drain potatoes and mash</li>
  <li>Mix in the milk texture</li>
</ol>
```

Ordered List

RESULT

1. Chop potatoes into quarters
2. Simmer in salted water
3. Heat milk and butter
4. Drain potatoes and mash
5. Mix in the milk mixture

Unordered List

HTML

```
<ul>
  <li>1kg King Edward potatoes</li>
  <li>100ml milk</li>
  <li>50g salted butter</li>
  <li>Freshly grated nutmeg</li>
  <li>Salt and pepper to taste</li>
</ul>
```

Unordered List

RESULT

- 1kg King Edward potatoes
- 100ml milk
- 50g salted butter
- Freshly grated nutmeg
- Salt and pepper to taste

Definition List

HTML

```
<dl>
  <dt>Sashimi</dt>
  <dd>Sliced raw fish served with
condiments.</dd>
  <dt>Scale</dt>
  <dd>Device used to measure the weight of
ingredients.</dd>
  <dd>A technique by which the scales are
removed from the skin of fish.
</dd>
</dl>
```

Definition List

RESULT

Sashimi

Sliced raw fish served with condiments such as shredded daikon radish or ginger root, wasabi and soy sauce

Scale

A device used to accurately measure the weight of ingredients

A technique by which the scales are removed from the skin of a fish

Nested Lists

```
<ul>
  <li>Mousses</li>
  <li>Pastries</li>
    <ul>
      <li>Croissant</li>
      <li>Milles-feuille</li>
      <li>Palmier</li>
      <li>Profiteroles</li>
    </ul>
  <li>Tarts</li>
</ul>
```

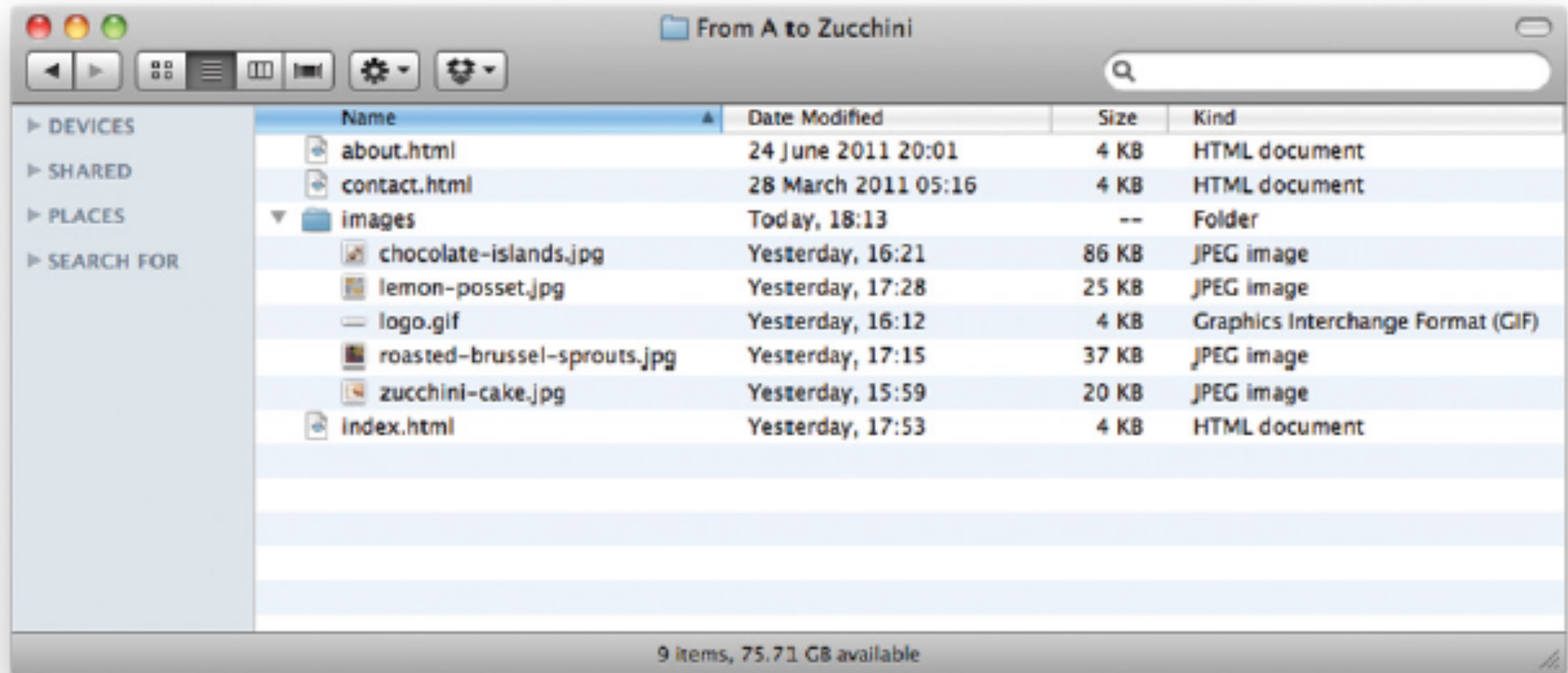
Nested Lists

RESULT

- Mousses
- Pastries
 - Croissant
 - Mille-feuille
 - Palmier
 - Profiterole
- Tarts

Images

Storing Images on Your Site



Images on Your Site

HTML

```

```

Images on Your Site

RESULT



Links on Images

HTML

```
<a href="http://www.google.com">  
  
</a>
```

Height and Width of Images

HTML

```

```

Height and Width of Images

RESULT



Where to Place Images in your Code

HTML

```

<p>There are around 10,000 living species
of birds that inhabit different ecosystems
from the Arctic to the Antarctic. Man
species undertake long distance annual
migrations, and many more perform shorter
irregular journeys.</p>
```

Where to Place Images in your Code

RESULT



There are around 10,000 living species of birds that inhabit different ecosystems from the Arctic to the Antarctic. Many species undertake long distance annual migrations, and many more perform shorter irregular journeys.

Where to Place Images in your Code

HTML

```
<p>There are
around 10,000 living species of birds
that inhabit different ecosystems from
the Arctic to the Antarctic. Man species
undertake long distance annual
migrations, and many more perform
shorter irregular journeys.</p>
```

Where to Place Images in your Code

RESULT



There are around 10,000 living species of birds that inhabit different ecosystems from the Arctic to the Antarctic. Many species undertake long distance annual migrations, and many more perform shorter irregular journeys.

Where to Place Images in your Code (old way)

HTML

```
<p>
There are around 10,000 living species
of birds that inhabit different
ecosystems from the Arctic to the
Antarctic. Man species undertake long
distance annual migrations, and many
more perform shorter irregular
journeys.</p>
```

Where to Place Images in your Code (old way)

RESULT



There are around 10,000 living species of birds that inhabit different ecosystems from the Arctic to the Antarctic. Many species undertake long distance annual migrations, and many more perform shorter irregular journeys.

Where to Place Images in your Code (old way)

HTML

```
<p> There are around 10,000 living species
of birds that inhabit different
ecosystems from the Arctic to the
Antarctic. Man species undertake long
distance annual migrations, and many
more perform shorter irregular
journeys.</p>
```

Where to Place Images in your Code (old way)

RESULT

There are around 10,000 living species of birds that inhabit different ecosystems from the Arctic to the Antarctic. Many species undertake long distance annual migrations, and many more perform shorter irregular journeys.



Images

Image Formats

GIF



Minimal colors

JPG



Full color images

PNG or SVG



Minimal colors with
transparent background

Animated GIF

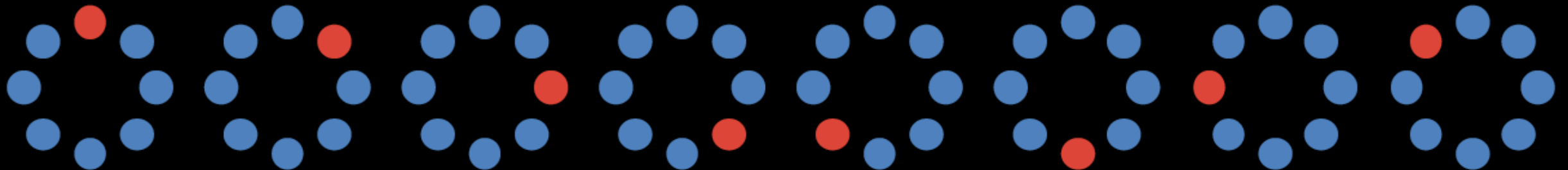


Image Dimensions

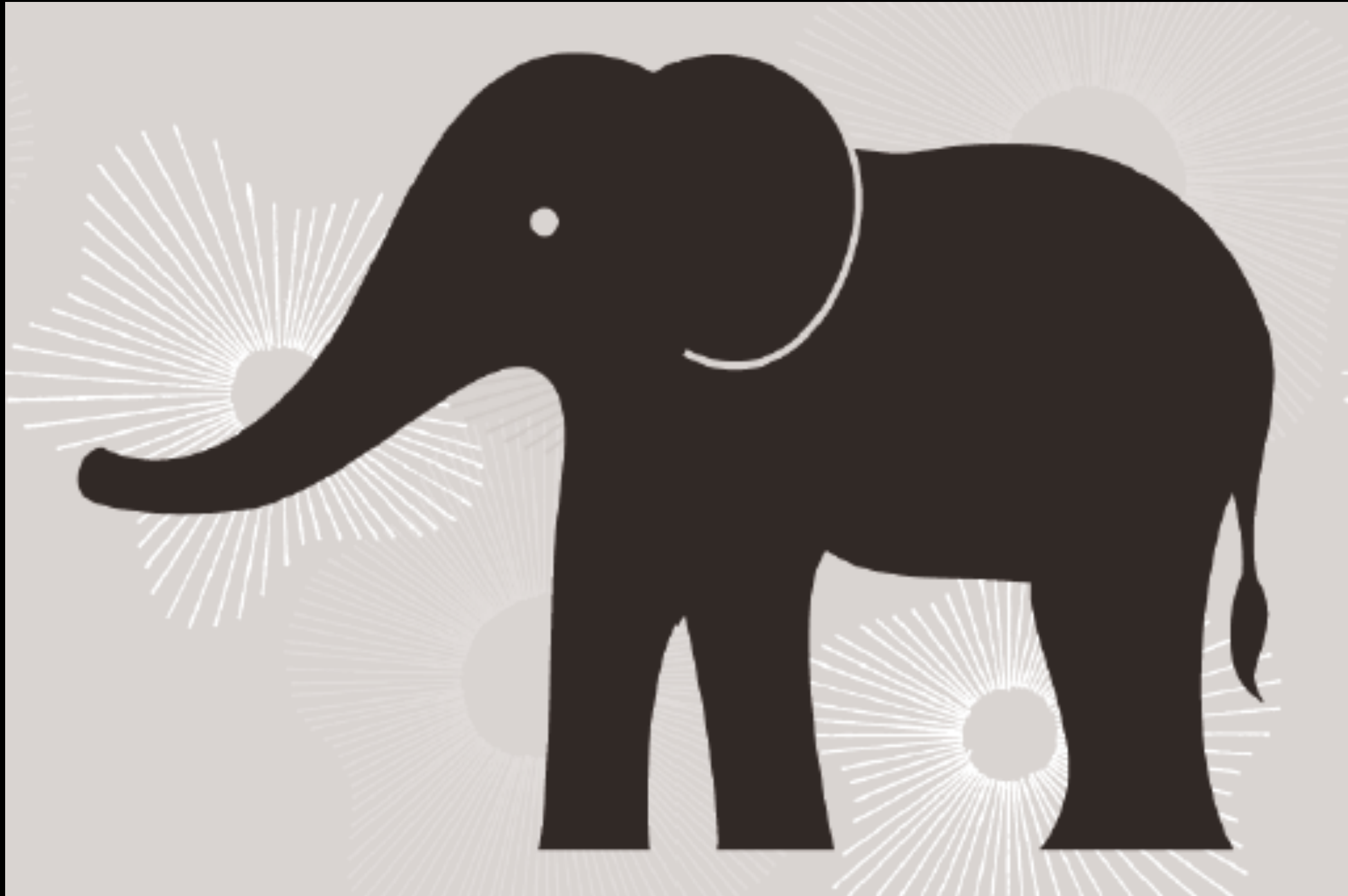


Image Dimensions



If an image has the wrong dimensions, it can look squished.

Image Dimensions



If an image is too small, it can look blurry when shown bigger.

Images

Image Dimensions



[illegible]

Basic Table Structure

HTML

```
<table>
  <tr>
    <td>15</td>
    <td>15</td>
    <td>30</td>
  </tr>
  <tr>
    <td>45</td>
    <td>60</td>
    <td>90</td>
  </tr>
</table>
```

Basic Table Structure

RESULT

15	15	30
45	60	45

Table Headings

HTML

```
<table>
  <tr>
    <th></th>
    <th scope="col">Saturday</th>
    <th scope="col">Sunday</th>
  </tr>
  <tr>
    <th scope="row">Tickets sold</th>
    <td>120</td>
    <td>135</td>
  </tr>
</table>
```

Tables

Table Headings

RESULT

	Saturday	Sunday
Tickets sold:	120	135

Spanning Columns

HTML

```
...  
  <tr>  
    <th>Monday</th>  
    <td colspan="2">Geography</td>  
    <td>Math</td>  
    <td>Art</td>  
  </tr>  
...
```

Spanning Columns

RESULT

	9am	10am	11am	12am
Monday	Geography		Math	Art

Spanning Rows

HTML

...

```
<tr>
```

```
  <th>6pm - 7pm</th>
```

```
  <td rowspan="2">Movie</td>
```

```
  <td>Comedy</td>
```

```
  <td>News</td>
```

```
</tr>
```

```
<tr>
```

```
  <th>7pm - 8pm</th>
```

```
  <td>Sport</td>
```

```
  <td>Current Affairs</td>
```

```
</tr>
```

Spanning Rows

RESULT

6pm - 7pm	Movie	Comedy	News
7pm - 8pm		Sport	Current Affairs

Forms





[SIGN IN](#) [SHIPPING & PAYMENT](#) [GIFT-WRAP](#) [PLACE ORDER](#)

Or enter a new shipping address
Be sure to click "Ship to this address" when done.

Full Name:

Address Line 1:

Street address, P.O. box, company name, c/o

Address Line 2:

Apartment, suite, unit, building, floor, etc.

City:

State/Province/Region:

ZIP:

Country:

United States

Phone Number:

Optional Delivery Preferences [\(What's this?\)](#)

Address Type:

Select an Address Type

Security Access Code:

For buildings or gated communities

Ship to this address

Forms

ADDING TEXT:

Text input (single-line)

Password input

Text area (multi-line)

MAKING CHOICES:

Radio buttons

☒ Rock ☐ Pop ☐ Jazz

Checkboxes

☒ iTunes ☐ Last.fm ☐ Spotify

Drop-down boxes

SUBMITTING FORMS:

Submit buttons

Image buttons

UPLOADING FILES:

File upload

Text Input

HTML

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

  <p>Username:
    <input type="text" name="username"
      size="15" maxlength="30" />
  </p>
</form>
```

Text Input

RESULT

Username:

Password

HTML

```
<p>Username:
  <input type="text" name="username"
        size="15" maxlength="30" />
</p>

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

Username:

Password:

Text Area

HTML

```
<p>What did you think of this gig?</p>
```

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

Text Area

RESULT

What did you think of this gig?

Enter your comments...

Radio Buttons

HTML

```
<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>
```

Radio Buttons

RESULT

Please select your favorite genre:
☒ Rock ☐ Pop ☐ Jazz

Check Boxes

HTML

```
<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>
```

Check Boxes

RESULT

Your favorite music service:

☒ iTunes ☐ Last.fm ☐ Spotify

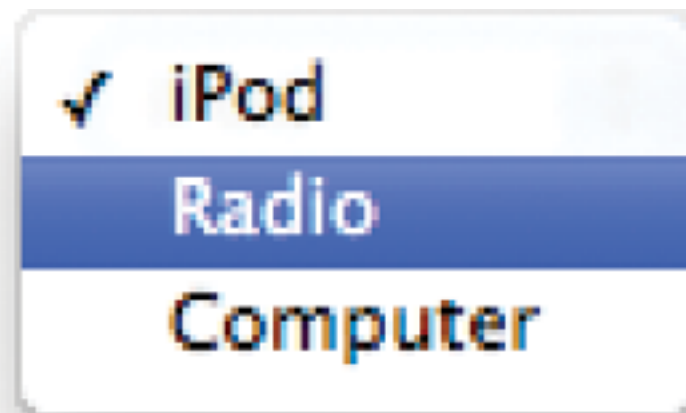
Dropdown

HTML

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

Dropdown

RESULT



Multiple Select Box

HTML

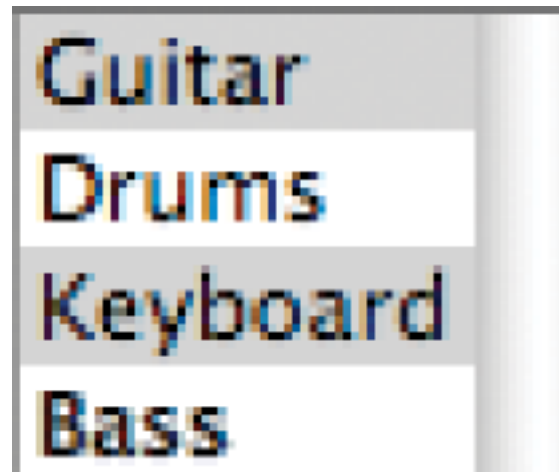
```
<select name="devices" size="4">

  <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

RESULT



Submit Button

HTML

```
<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

RESULT

Subscribe to our email list:

Subscribe

Image Button

HTML

```
<form action="http://eg.com/email.php">  
  <p>Subscribe to our email list:</p>  
  
  <input type="text" name="email" />  
  
  <input type="image"  
    src="images/subscribe.jpg"  
    width="100" height="20" />  
  
</form>
```

Image Button

RESULT

Subscribe to our email list:

SUBSCRIBE

Comments in HTML

HTML

```
<!-- start of introduction -->
<h1>Current Exhibition</h1>
<h2>Olafur Eliasson</h2>
<!-- end of introduction -->

<!--
<a
href="mailto:info@example.org">Contact</a> -->
```

Current Exhibition

Olafur Eliasson

ID Attributes

HTML

```
<p>Water and air. So very commonplace are  
these substances, they hardly attraction  
attention and yet they vouchsafe our very  
existence.</p>
```

```
<p id="pullquote">Every time I view the  
sea I feel a sense of calming security, as  
if visiting my ancestral home; I embark of  
a voyage of seeing.</p>
```

```
<p>Mystery of mysteries, water and air are  
right there before us in the sea.</p>
```

ID Attributes

RESULT

Water and air. So very commonplace are these substances, they hardly attract attention - and yet they vouchsafe our very existence.

EVERY TIME I VIEW THE SEA I FEEL A
CALMING SENSE OF SECURITY, AS IF
VISITING MY ANCESTRAL HOME; I
EMBARK ON A VOYAGE OF SEEING.

Mystery of mysteries, water and air are right there
before us in the sea.

Class Attributes

HTML

```
<p class="important">For a one-year period  
from November 2010, the Marugame  
Genichiro-Inokuma Museum of Contemporary  
Art (MIMOCA) will host...</p>
```

```
<p>Each will showcase works by the artist  
thematically contextualized under the  
headings...</p>
```

```
<p class="important admittance">Hours:  
10:00 – 18:00 (No admittance after  
17:30)</p>
```

Class Attributes

RESULT

FOR A ONE-YEAR PERIOD FROM NOVEMBER 2010, THE MARUGAME GENICHIRO-INOKUMA MUSEUM OF CONTEMPORARY ART (MIMOCA) WILL HOST A CYCLE OF FOUR HIROSHI SUGIMOTO EXHIBITIONS.

Each will showcase works by the artist thematically contextualized under the headings "Science," "Architecture," "History" and "Religion" so as to present a comprehensive panorama of the artist's oeuvre.

HOURS: 10:00 - 18:00 (NO ADMITTANCE AFTER 17:30)

Block Elements

HTML

```
<h1>Hiroshi Sugimoto</h1>
<p>The dates of the ORIGIN OF ART
  exhibition are as follows:</p>
<ul>
  <li>Science: 21 Nov – 20 Feb 2010</li>
  <li>Architecture: 6 Mar – 15 May 2010</
li>
  <li>History: 29 May – 21 Aug 2010</li>
  <li>Religion: 28 Aug – 6 Nov 2010</li>
</ul>
```

Hiroshi Sugimoto

The dates for the ORIGIN OF ART exhibition are as follows:

- Science: 21 Nov - 20 Feb 2010/11
- Architecture: 6 Mar - 15 May 2011
- History: 29 May - 21 Aug 2011
- Religion: 28 Aug - 6 Nov 2011

Inline Elements

HTML

Timed to a single revolution of the planet around the sun at a 23.4 degrees tilt that plays out the rhythm of the seasons, this *Origins of Art* cycle is organized around four themes: **science, architecture, history** and **Religion**.

Inline Elements

RESULT

Timed to a single revolution of the planet around the sun at a 23.4 degrees tilt that plays out the rhythm of the seasons, this *Origins of Art* cycle is organized around four themes: science, architecture, history and religion.

Grouping Text & Elements in a Block

HTML

```
<div id="header">
  
  <ul>
    <li><a href="index.html">Home</a></li>
    <li><a href="bio.html">Bio</a></li>
    <li><a href="works.html">Works</a></li>
    <li><a href="contact.html">Contact</a></li>
  </ul>
</div><!-- #header -->
```

Grouping Text & Elements in a Block

RESULT



ANISH KAPOOR

- [Home](#)
- [Biography](#)
- [Works](#)
- [Contact](#)

Grouping Text & Elements Inline

HTML

```
<p>Anish Kapoor won the Turner Prize in  
    1991 and exhibited at the  
    <span class="gallery">Tate Modern</  
span>  
    gallery in London in 2003.</p>
```

Grouping Text & Elements Inline

RESULT

Anish Kapoor won the Turner Prize in 1991 and exhibited at the TATE MODERN gallery in London in 2003.

iframes

HTML

```
<iframe width="450" height="350"  
    src="http://maps.google.co.uk/maps?  
        q=moma+new+york&output=embed"  
    frameborder="0"  
    scrolling="no">  
</iframe>
```

iframes

RESULT



Escape Characters

HTML

```
<p>&copy; 2012</p>
```

```
<p>&#169; 2012</p>
```

```
<p>The &lt;html> tag</p>
```

```
<p>The &#60;html&#62; tag</p>
```

Escape Characters

RESULT

© 2012

© 2012

The <html> tag

The <html> tag

Information About Your Pages

HTML

```
<head>
  <meta name="description"
    content="An essay on installation art" />

  <meta name="robots" content="nofollow" />

  <meta http-equiv="Author"
    content="Danne Woo" />

  <meta http-equiv="pragma"
    content="no-cache" />
</head>
```

In Class Assignment

Create a HTML page for all your unique pages on your website.
Have at least a navigation connecting all your pages.

Homework

Read chapters 10 -13 in the text book.