

Topics

- Introduction of Basic Syntax
- Basic Text Markups
- Images
- Hypertext links
- Lists
- Tables
- Forms
- Audio
- Video
- Organization elements
- Time



The Audio Element

This is a test of the audio element

```
<audio controls>
```

```
  <source src = "nineoneone.ogg" />
```

```
  <source src = "nineoneone.wav" />
```

```
  <source src = "nineoneone.mp3" />
```

Your browser does not support the audio element

```
</audio>
```

- The browser chooses the first audio file it can play and skips the content of the audio element.
- If the browser cannot play any of the files, the content shows.



The Video Element

This is a test of the video element.....

```
<video width = "600" height = "500" autoplay = "autoplay"
controls = "controls" >
  <source src = "NorskTippingKebab.mp4">
  <source src = "NorskTippingKebab.ogv" >
  <source src = "NorskTippingKebab.webm" >
  Your browser does not support the video element
</video>
```

- The browser chooses the first video file it can play and skips the content of the video element.
- If the browser cannot play any of the files, the content shows.



Time

```
<!DOCTYPE html>
<html lang="en">
  <head>
    <title>Time</title>
    <meta charset="utf-8" />
  </head>
```

The time element

Open from 10:00 to 21:00 every weekday.

I have a midterm on the midterm day.

Note: The time element does not render as anything special in any of the major browsers.

```
<body>
  <h1>The time element</h1>
  <p>Open from <time>10:00</time> to <time>21:00</time> every weekday.</p>
  <p>
    I have a midterm on
    <time datetime="2024-11-03 13:00">the midterm day</time>.
  </p>
  <p>
    <b>Note:</b> The time element does not render as anything special in any
    of the major browsers.
  </p>
</body>
</html>
```

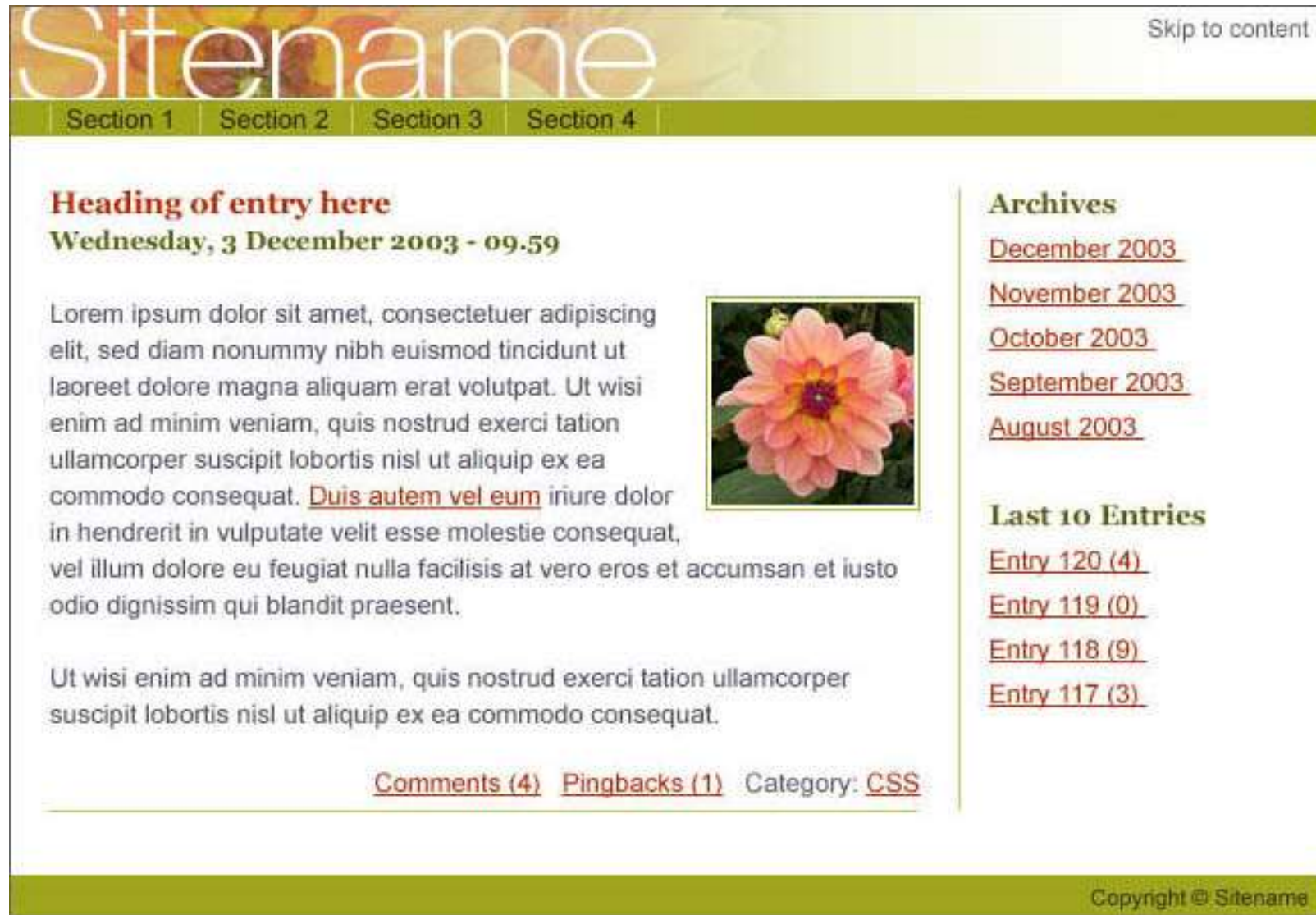


Organization Elements

- `<header>`
- `<footer>`
- `<hgroup>`
- `<article>`
- `<section>`
- `<div>`



The Organization Elements



from maxdesign.com.au



The Organization Elements (2)



The Organization Elements (3)

```
<header>
  <h1> The Main Press </h1>
  <h3> "All the news we can fit" </h2>
</header>
<nav>
  <a href="/dir1/">Local news</a> |
  <a href="/dir2/">National news</a> |
  <a href="/dir3/">Sports</a> |
  <a href="/dir4/">Entertainment</a>
</nav>
<footer>
  &copy; The Main Press, 2024
  <br />
  Editor in Chief: John Doe
</footer>
```

The Main Press

"All the news we can fit"

[Local news](#) | [National news](#) | [Sports](#) | [Entertainment](#)

© The Main Press, 2024

Editor in Chief: John Doe

- Most of the organization tags do not have special style
- Need to work together with CSS
- Other tags: article, section, aside, hgroup



Some of HTML/XHTML Standard Attributes

Attribute	Value	Description
<u>class</u>	<i>classname</i>	Specifies a classname for an element (CSS formatting rules)
<u>id</u>	<i>id</i>	Specifies a unique id for an element (hyperlink, javascript selection, CSS)
<u>style</u>	<i>style_definition</i>	Specifies an inline style for an element (CSS formatting rules)
<u>title</u>	<i>text</i>	Specifies extra information about an element (tooltips)

Note: `id` vs. `name`



Practice

File Edit View History Bookmarks Tools Help

file:///C: Google

Computer Science & S... Faculty of Engineering... English-French Diction...

Popcorn Sales Form Popcorn Sales Form

Welcome to Millenium Gynmastics Booster Club Popcorn Sales

Buyer's Name:

Street Address:

City, State, Zip:

Product Name	Price	Quantity
Unpopped Popcorn (1 lb.)	\$3.00	<input type="text"/>
Caramel Popcorn (2 lb. cannister)	\$3.50	<input type="text"/>
Caramel Nut Popcorn (2 lb. cannister)	\$4.50	<input type="text"/>
Toffey Nut Popcorn (2 lb. cannister)	\$5.00	<input type="text"/>

Payment Method:

☒ Visa
☐ Master Card
☐ Discover
☐ Check

Done

Done with HTML5!

- Introduction of Basic Syntax
- Basic Text Markups
- Images
- Hypertext links
- Lists
- Tables
- Forms
- Audio
- Video
- Time
- Organization elements

