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

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

  <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>
```
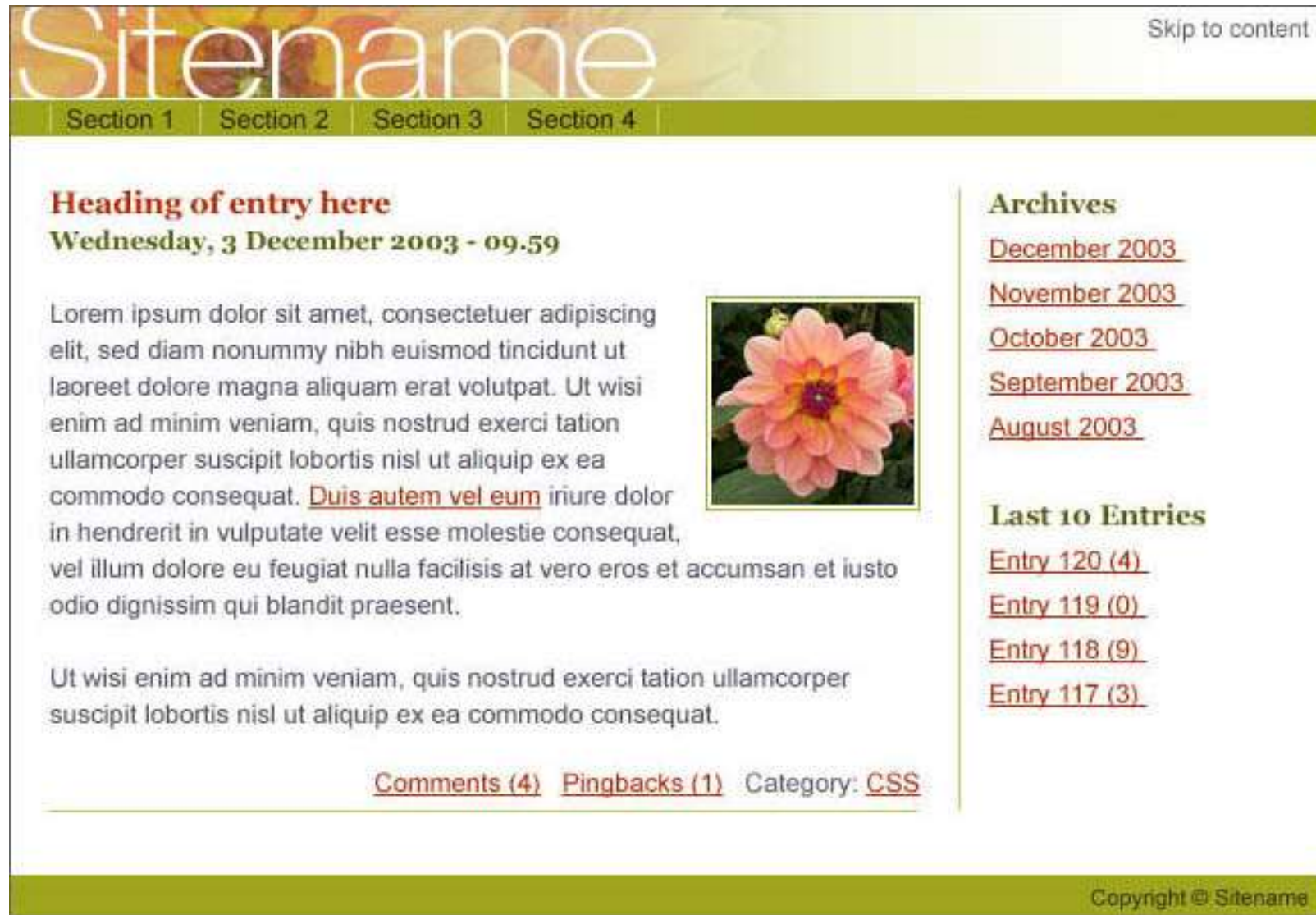
The time element

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.

Organization Elements

- <header>

- <footer>

- <hgroup>

- <article>

- <section>

- <div>

The Organization Elements

from maxdesign.com.au

The Organization Elements (2)

The Organization Elements (3)

```html
<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 Presss

"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
class	*classname*	Specifies a classname for an element (CSS formatting rules)
id	*id*	Specifies a unique id for an element (hyperlink, javascript selection, CSS)
style	*style_definition*	Specifies an inline style for an element (CSS formatting rules)
title	*text*	Specifies extra information about an element (tooltips)

Note: `id` vs. `name`

Practice

Done with HTML5!

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