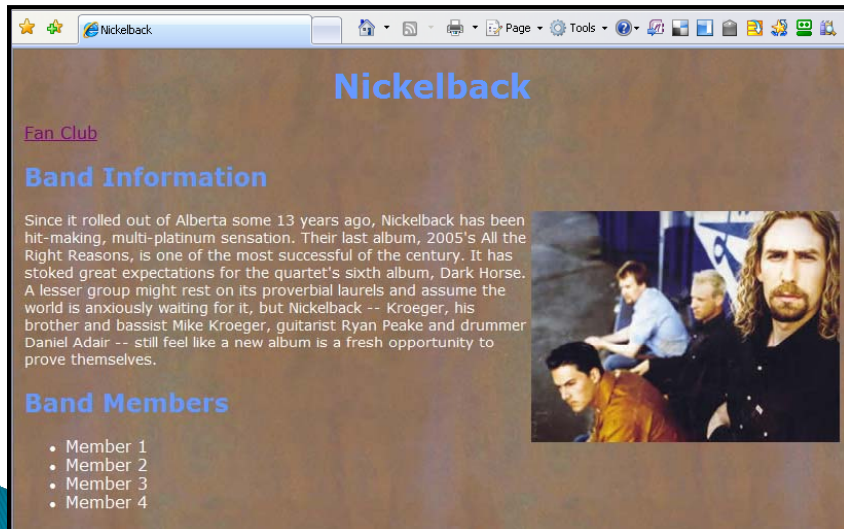




Completed Site



3

What is HTML?

- ▶ HTML is a language for describing web pages.
- ▶ HTML stands for **Hyper Text Markup Language**
- ▶ HTML is not a programming language, it is a **markup language**
- ▶ A markup language is a set of **markup tags**
- ▶ HTML uses **markup tags** to describe web pages

4

Site Folder

- ▶ Create a folder to hold your site
 - Name this folder **Nickelback Site**
- ▶ Images are in the classwork folder named HTML
 - Copy ALL images **and save to your Nickelback Site folder**
 - **Copy Nickelback_text.doc into your folder**
- ▶ Open Notepad++

5

Start an HTML Document

- ▶ Copy and paste this text into Notepad

```
<!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0
Transitional//EN" "http://www.w3.org/TR/xhtml1/DTD/xhtml1-
transitional.dtd">
<html xmlns="http://www.w3.org/1999/xhtml">
  <html>
  <head>
  <title>The page title goes here (think blue bar)</title>
  </head>

  <body>

  Your document text goes here.

  </body>
</html>
```

6

Start an HTML Document

- ▶ Pages start with a Doctype

```

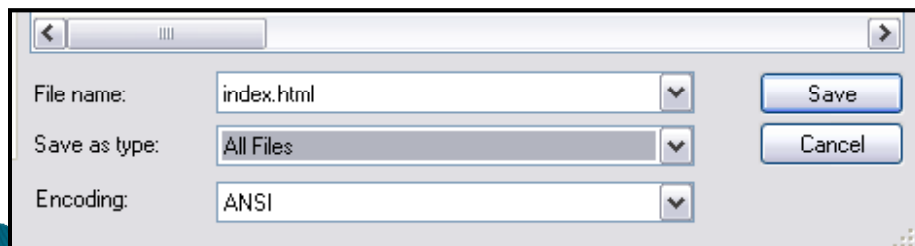
1  <!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0 Transitional//EN"
2  "http://www.w3.org/TR/xhtml1/DTD/xhtml1-transitional.dtd">
3  <html xmlns="http://www.w3.org/1999/xhtml">
4  <html>
5  <head>
6  <title>The page title goes here (think blue bar)</title>
7  </head>
8
9  <body>
10
11  Your document text goes here.
12
13 </body>
14 </html>
15

```

7

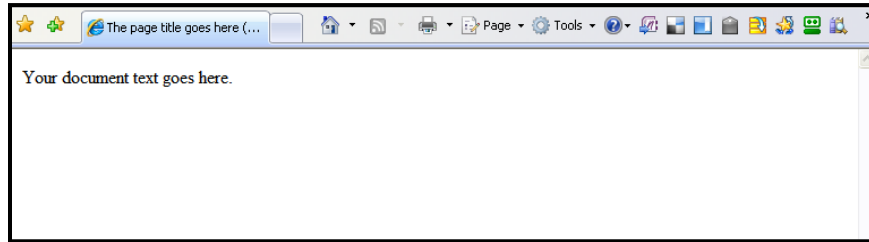
Save Your Page

- ▶ File>Save
- ▶ Home pages are saved as index.html
- ▶ All other pages:
 - Lowercase
 - No spaces (use underscore: i.e. fan_club.html)



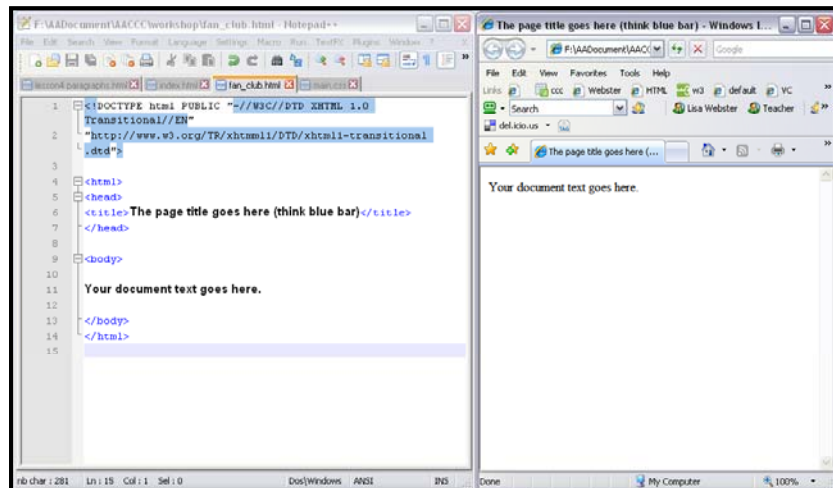
8

Preview in Browser



9

Desktop Arrangement



10

HTML Tags

- ▶ There are two parts of a document: the **head** and the **body**.
- ▶ In the **head**, you put the **title** of your document.
- ▶ The title shows up on the "blue bar" of the browser window.
- ▶ Between `<body></body>` is the code for all of the text and graphics that you want in your document

11

What are HTML tags?

- ▶ HTML tags are *elements* surrounded by **angle brackets** (i.e. `<html>` `<p>` `` `<table>`)
- ▶ HTML tags normally **come in pairs**
 - `<p>` and `</p>`
- ▶ `<>` are angle brackets
- ▶ The first tag in a pair is the **start tag** or **opening tag**, the second tag is the **end tag** or **closing tag**.
- ▶ Use lowercase

12

Creating a Site

- ▶ Put Nickelback between the opening and closing title tags

```

1  <!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0 Transitional//EN"
2  "http://www.w3.org/TR/xhtml1/DTD/xhtml1-transitional.dtd">
3
4  <html>
5  <head>
6  <title>Nickelback</title>
7  </head>
8
9  <body>
10
11  Your document text goes here.
12
13  </body>
14  </html>
15

```

13

Adding Elements

- ▶ Paragraph tags: `<p>` `</p>`
- ▶ Adds a blank line of space after the `</p>` tag

```

<body>
<p>Since it rolled out of Alberta some 13 years ago, Nickelback has been hit-making, multi-platinum sensation. Their last album, 2005's All the Right Reasons, is one of the most successful of the century. It has stoked great expectations for the quartet's sixth album, Dark Horse. A lesser group might rest on its proverbial laurels and assume the world is anxiously waiting for it, but Nickelback -- Kroeger, his brother and bassist Mike Kroeger, guitarist Ryan Peake and drummer Daniel Adair -- still feel like a new album is a fresh opportunity to prove themselves.</p>
</body>

```

14

Headings

- ▶ Are used to separate main topics
- ▶ Subheadings further divide main topics
- ▶ h1 through h6
- ▶ h1: most important
- ▶ h6: least important
- ▶ Heading tags insert a blank line of space

Procedure:

```
<h1>text</h1>
<h2>text</h2>
<h3>text</h3>
<h4>text</h4>
<h5>text</h5>
<h6>text</h6>
```

This is a Level 1 heading

This is a Level 2 heading

This is a Level 3 heading

This is a Level 4 heading

This is a Level 5 heading

This is a Level 6 heading

15

Headings

The screenshot shows a web browser window with the Nickelback website. The browser's address bar shows "Nickelback". The page content includes:

- The main heading "Nickelback" is circled in blue, with the annotation "<h1> tag" next to it.
- The subheading "Fan Club" is in purple text.
- The subheading "Band Information" is circled in blue, with the annotation "<h2> tag" next to it.
- The main text describes the band's history: "Since I moved out of Alberta some 13 years ago, Nickelback has been hit-making, multi-platinum sensation. Their last album, 2005's All the Right Reasons, is one of the most successful of the century. It has stoked great expectations for the quartet's sixth album, Dark Horse. A lesser group might rest on its proverbial laurels and assume the world is anxiously waiting for it, but Nickelback -- Kroeger, his brother and bassist Mike Kroeger, guitarist Ryan Peake and drummer Daniel Adair -- still feel like a new album is a fresh opportunity to prove themselves."
- The subheading "Band Members" is circled in blue, with the annotation "<h2> tag" next to it.
- Below "Band Members" is a bulleted list:
 - Member 1
 - Member 2
 - Member 3
 - Member 4
- A photograph of the band members is visible on the right side of the page.

16

Add Headings

```

<body>
<h1>Nickelback</h1>
<h2>Band Information</h2>
<p>Since it rolled out of Alberta some 13 years ago, Nickelback has been hit-making, multi-platinum sensation. Their last album, 2005's All the Right Reasons, is one of the most successful of the century. It has stoked great expectations for the quartet's sixth album, Dark Horse. A lesser group might rest on its proverbial laurels and assume the world is anxiously waiting for it, but Nickelback -- Kroeger, his brother and bassist Mike Kroeger, guitarist Ryan Peake and drummer Daniel Adair -- still feel like a new album is a fresh opportunity to prove themselves.</p>
</body>

```

Nickelback

Band Information

Since it rolled out of Alberta some 13 years ago, Nickelback has been hit-making, multi-platinum sensation. Their last album, 2005's All the Right Reasons, is one of the most successful of the century. It has stoked great expectations for the quartet's sixth album, Dark Horse. A lesser group might rest on its proverbial laurels and assume the world is anxiously waiting for it, but Nickelback -- Kroeger, his brother and bassist Mike Kroeger, guitarist Ryan Peake and drummer Daniel Adair -- still feel like a new album is a fresh opportunity to prove themselves.

17

Style Attributes – Text Alignment

- ▶ Add **style="text-align:center"** to an element tag
 - Values: Right, center, or left
 - Default: left

```

<body>
<h1 style="text-align:center">Nickelback</h1>
<h2>Band Information</h2>
<p>Since it rolled out of Alberta some 13 years ago, Nickelback I
last album, 2005's All the Right Reasons, is one of the most succ

```

18

Add an Image

- ▶ ``
- ▶ Our image is **band.jpg**
- ▶ ``

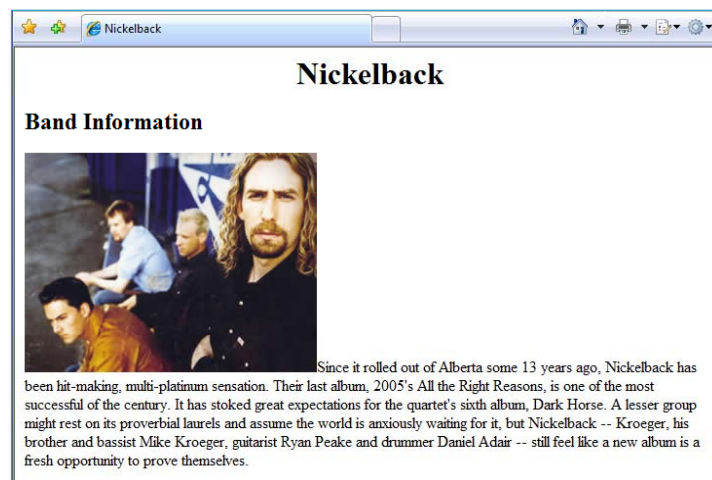
```

<body>
<h1 style="text-align:center">Nickelback</h1>
<h2>Band Information</h2>
<P>Since it rolled out of Alberta so
multi-platinum sensation. Their last album, 2005's All the Ri
has stoked great expectations for the quartet's sixth album

```


19

Add an Image



Nickelback

Band Information



Since it rolled out of Alberta some 13 years ago, Nickelback has been hit-making, multi-platinum sensation. Their last album, 2005's *All the Right Reasons*, is one of the most successful of the century. It has stoked great expectations for the quartet's sixth album, *Dark Horse*. A lesser group might rest on its proverbial laurels and assume the world is anxiously waiting for it, but Nickelback -- Kroeger, his brother and bassist Mike Kroeger, guitarist Ryan Peake and drummer Daniel Adair -- still feel like a new album is a fresh opportunity to prove themselves.

20

Add Image Attributes

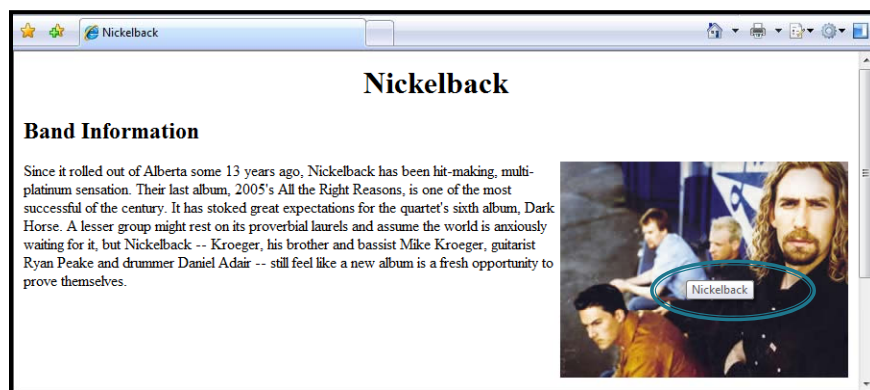
- ▶ ``

```

9 <body>
10 <h1 style="text-align:center">Nickelback</h1>
11 <h2>Band Information</h2>
12 <p> Since
    Alberta some 13 years ago, Nickelback has been hit-r
  
```

21

Add an Image Attribute



22

Lists

- ▶ Ordered List (numbered)
 -
 - Starts your numbered list
- ▶ Unordered List (bulleted)
 -
 - Starts you bulleted list
 - ▶ List item (
 - Each item in your list

```
<ul>
  <li>Red</li>
  <li>Blue</li>
  <li>Green</li>
</ul>
```

- Red
- Blue
- Green

23

Add an Unordered List

```
themselves.</p>
```

```
<h2>Band Members</h2>
```

```
<ul>
```

```
  <li></li>
```

```
  <li></li>
```

```
  <li></li>
```

```
  <li></li>
```

```
</ul>
```

```
</body>
```

```
</html>
```

```
themselves.</p>
```

```
<h2>Band Members</h2>
```

```
<ul>
```

```
  <li>Member 1</li>
```

```
  <li>Member 2</li>
```

```
  <li>Member 3</li>
```

```
  <li>Member 4</li>
```

```
</ul>
```

```
</body>
```

24

Nickelback

Band Information

Since it rolled out of Alberta some 13 years ago, Nickelback has been hit-making, multi-platinum sensation. Their last album, 2005's *All the Right Reasons*, is one of the most successful of the century. It has stoked great expectations for the quartet's sixth album, *Dark Horse*. A lesser group might rest on its proverbial laurels and assume the world is anxiously waiting for it, but Nickelback -- Croeger, his brother and bassist Mike Croeger, guitarist Ryan Peake and drummer Daniel Adair -- still feel like a new album is a fresh opportunity to prove themselves.



Band Members

- Member 1
- Member 2
- Member 3
- Member 4

25

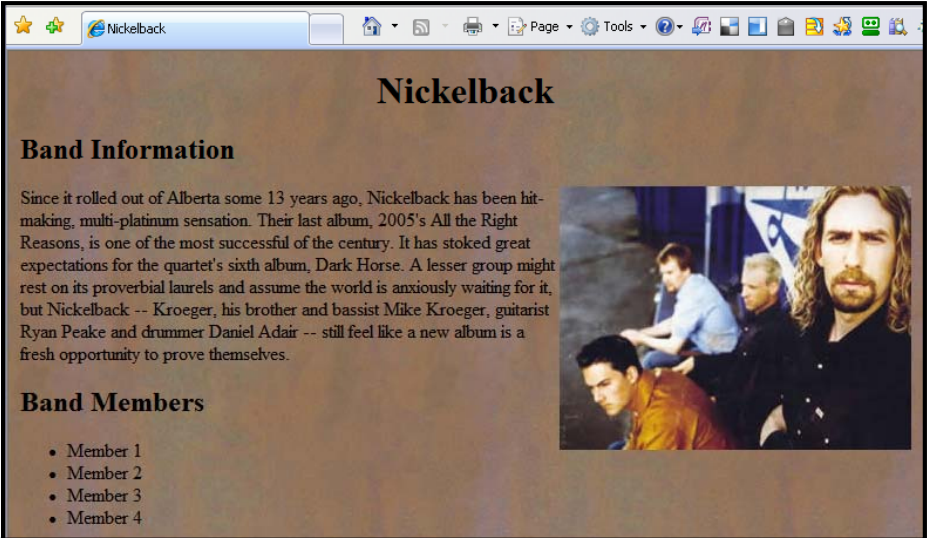
Add a Body Background

- Backgrounds are in the `<body>` tag
- Images
 - `style="background-image:url(metal_bg.jpg)"`

```
<body style="background-image:url(metal_bg.jpg)">
<h1 style="text-align:center">Nickelback</h1>
<h2>Band Information</h2>
<p>Since it rolled out of All
```

- Colors
 - `style="background-color:yellow"`

26



Nickelback

Band Information

Since it rolled out of Alberta some 13 years ago, Nickelback has been hit-making, multi-platinum sensation. Their last album, 2005's *All the Right Reasons*, is one of the most successful of the century. It has stoked great expectations for the quartet's sixth album, *Dark Horse*. A lesser group might rest on its proverbial laurels and assume the world is anxiously waiting for it, but Nickelback -- Kroeger, his brother and bassist Mike Kroeger, guitarist Ryan Peake and drummer Daniel Adair -- still feel like a new album is a fresh opportunity to prove themselves.

Band Members

- Member 1
- Member 2
- Member 3
- Member 4

27

Format your Text

- ▶ Font
- ▶ Font Size
- ▶ Font Color
- ▶ Can go in the body tag & will apply to the entire page
- ▶ Can be applied to individual elements
 - ▶ Headings
 - ▶ Paragraphs
 - ▶ Lists
 - ▶ Tables

28

Format your Text

- ▶ Font
 - style="font-family:verdana"

```
<body style="background-image:url(metal_bg.jpg);font-family:verdana">
<h1 style="text-align:center">Nickelback</h1>
<h2>Band Information</h2>
<p style="font-size:14px; color:white">
some 13 years ago, Nickelback has been hit-making, multi-platinum sensation. Their last
Reasons, is one of the most successful of the century. It has stoked great expectations for
Dark Horse. A lesser group might rest on its proverbial laurels and assume the world is anx
Nickelback -- Kroeger, his brother and bassist Mike Kroeger, guitarist Ryan Peake and drum
like a new album is a fresh opportunity to prove themselves.</p>
<h2>Band Members</h2>
```

29

Format your Text

- ▶ Font Size
 - ▶ style="font-size:14px"
- ▶ Font Color
 - ▶ color:white"

```
<body style="background-image:url(metal_bg.jpg);font-family:verda
<h1 style="text-align:center; color:#6699ff">Nickelback</h1>
<h2 style="color:#6699ff">Band Information</h2>
<p style="font-size:14px; color:white">
```

```
<h2 style="color:#6699ff">Band Members</h2>
<ul style="color:white">
  <li>Member 1</li>
```

31

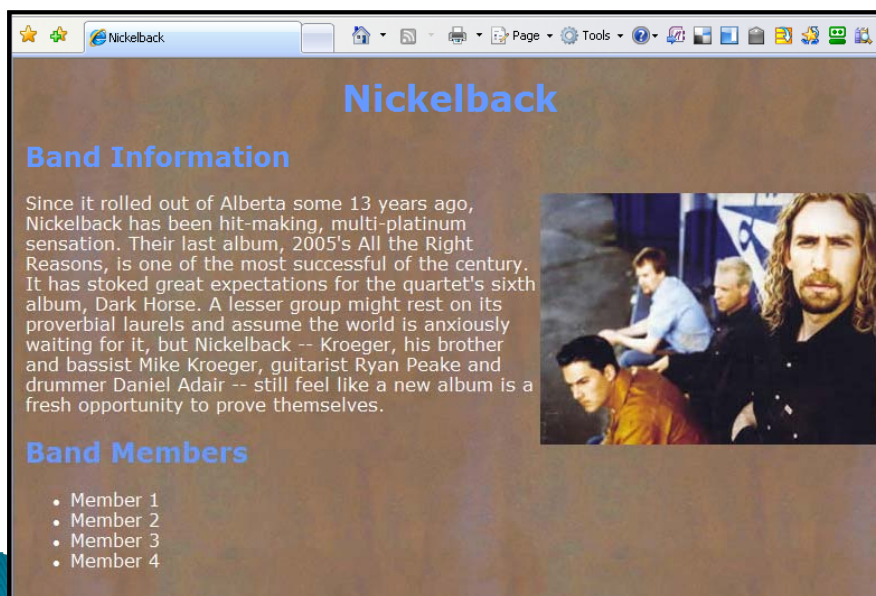
Format your Text

- ▶ Font Color
 - ▶ Using hex # style="color:#6699ff"

```
<body style="background-image:url(metal_bg.jpg);font-family:verda
<h1 style="text-align:center; color:#6699ff">Nickelback</h1>
<h2 style="color:#6699ff">Band Information</h2>
<p style="font-size:14px; color:white">
```

```
<h2 style="color:#6699ff">Band Members</h2>
<ul style="color:white">
  <li>Member 1</li>
```


33



Nickelback

Band Information

Since it rolled out of Alberta some 13 years ago, Nickelback has been hit-making, multi-platinum sensation. Their last album, 2005's *All the Right Reasons*, is one of the most successful of the century. It has stoked great expectations for the quartet's sixth album, *Dark Horse*. A lesser group might rest on its proverbial laurels and assume the world is anxiously waiting for it, but Nickelback -- Kroeger, his brother and bassist Mike Kroeger, guitarist Ryan Peake and drummer Daniel Adair -- still feel like a new album is a fresh opportunity to prove themselves.



Band Members

- Member 1
- Member 2
- Member 3
- Member 4

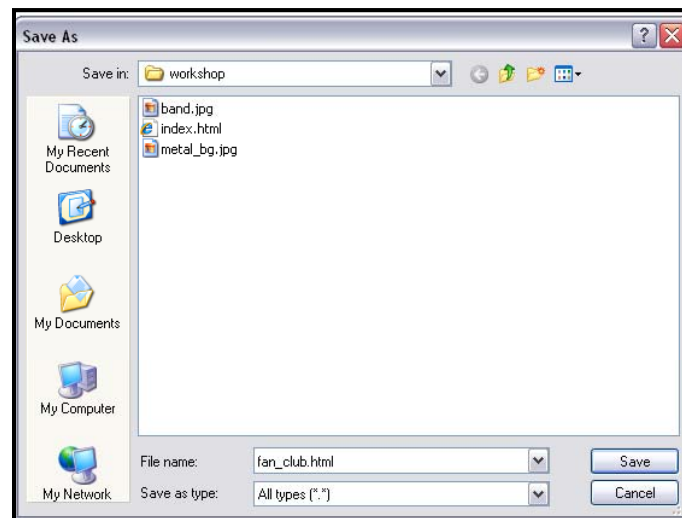
34

Links

- ▶ Relative links
 - Links to a page within your site
 - `text`
- ▶ Absolute links
 - Links to a page, image, etc. outside your site
 - `Click here to go to lisawebster.net`

35

Create a New HTML Document



36

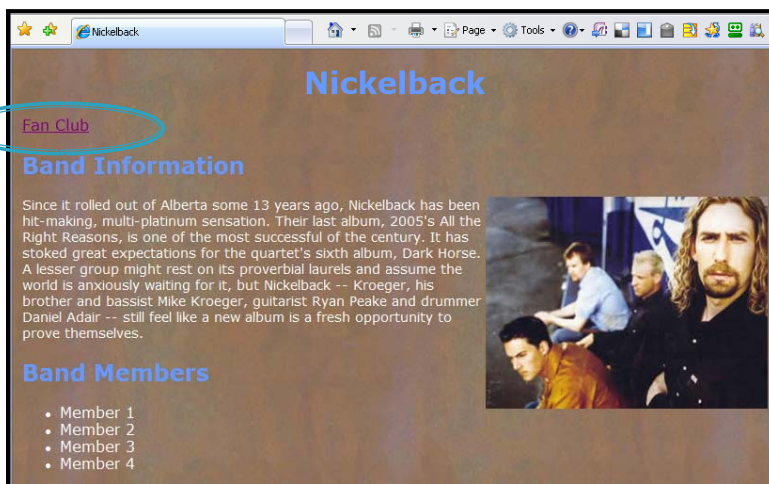
Link to a New Page

- ▶ Add relative link to new page
 - `Fan Club`

```
<body style="background-image:url(metal_bg.jpg);font-family:verdana">
<h1 style="text-align:center,color:#6699ff">Nickelback</h1>
<a href="fan_club.html">Fan Club</a>
<h2 style="color:#6699ff">Band Information</h2>
```

37

Completed Web Page



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