

Links

A photograph of a computer setup on a wooden desk. In the foreground, a silver and blue wired computer mouse is prominent, with a clear pen lying next to it. Behind the mouse is a white keyboard. In the background, a computer monitor is visible, and to the right, a black speaker with a green light indicator. The scene is dimly lit, with light coming from the monitor and the speaker's light.

Web Design by Mark Gillan

What are Hyperlinks?

- Hyperlinks are links to any computer file on a local machine, a local network storage area, removable disk or via the internet
- Hyperlinks can point to any resource, such as html pages, image, sound file or movie etc
- Web pages often contain internal and external links – internal links within the same website or external links providing a link to another website
- Text or images can contain a hyperlink within its code
- As long as the user's machine has access to the destination, they will be taken to the hyperlinked file



Code

- The html anchor element is used **<a>** with the attribute **href** which stands for hypertext reference
- Syntax example:

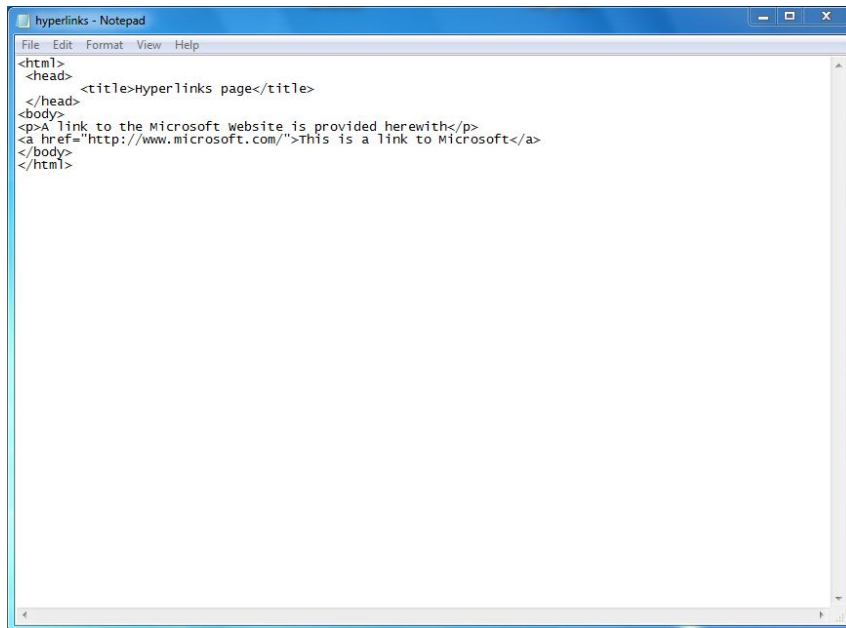
`<a href="http://www.microsoft.com">Link to Microsoft</a>`

- Notice the start tag contains the destination for the link, with this example showing the full URL (Uniform Resource Locator) / web address for Microsoft. The text holding the link is placed in between the start and end tags
- The default appearance of a link upon a web page is blue font colour and blue underline. As the mouse pointer moves over the link, it should change to a hand to indicate a hyperlink
- Let us see this in use...



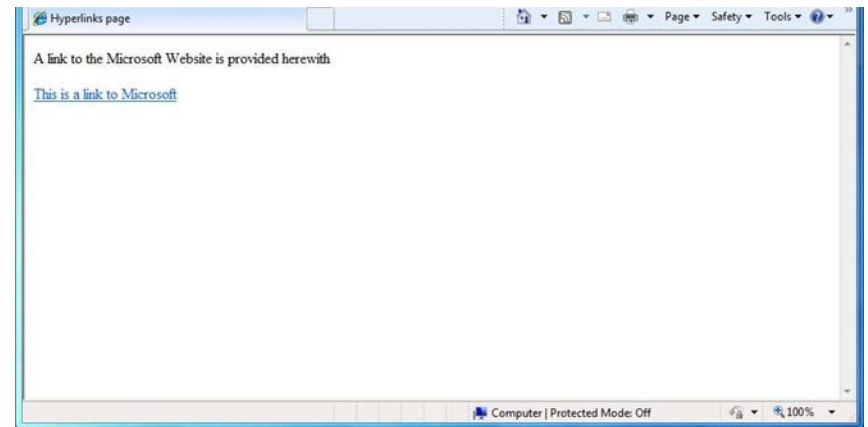
External Links in practice

Notepad code

A screenshot of a Notepad window titled "hyperlinks - Notepad". The window contains the following HTML code:

```
<html>
<head>
  <title>Hyperlinks page</title>
</head>
<body>
  <p>A link to the Microsoft website is provided herewith</p>
  <a href="http://www.microsoft.com/">This is a link to Microsoft</a>
</body>
</html>
```

Web Browser Appearance



Additional web page

- Create another web page with the following text within the body of the page:
This is my links page and I intend adding some more appropriate links to many websites.
- Save the new web page within your website folder (next to the index.html file you have been working with)
- Name the new web page: links.html
- View the links.html web page in your web browser to ensure everything is running as it should
- Using the next example, link the two pages together. We will say the index.html page is the Home Page



Check

Ensure you have created a new web page named `links.html` and you have saved the file within the Learning folder or any other relevant folder you have been working within for this project

The `links.html` page should now be recognised as a web page in the same manner as your original `index.html`

Double click the `links.html` file to view within your web browser. You could have added more text and had fun formatting using the tags previously discussed

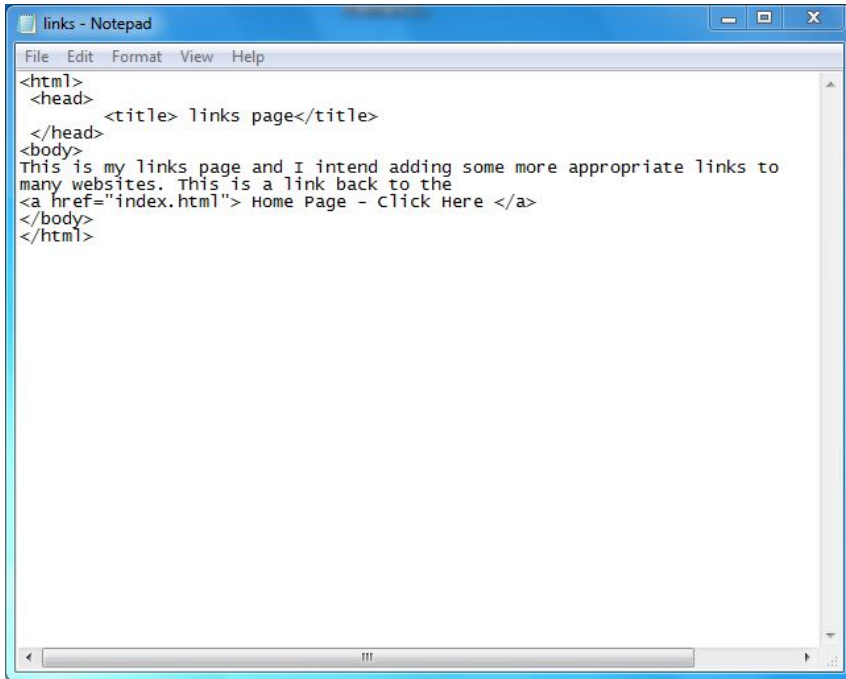
We will now provide a link within the `links.html` page back to the Home Page being `index.html`

Name	Date modified	Type	Size
 images	31/03/2010 12:14	File folder	
 index	07/04/2010 01:22	HTML Document	1 KB
 links	07/04/2010 01:40	HTML Document	1 KB



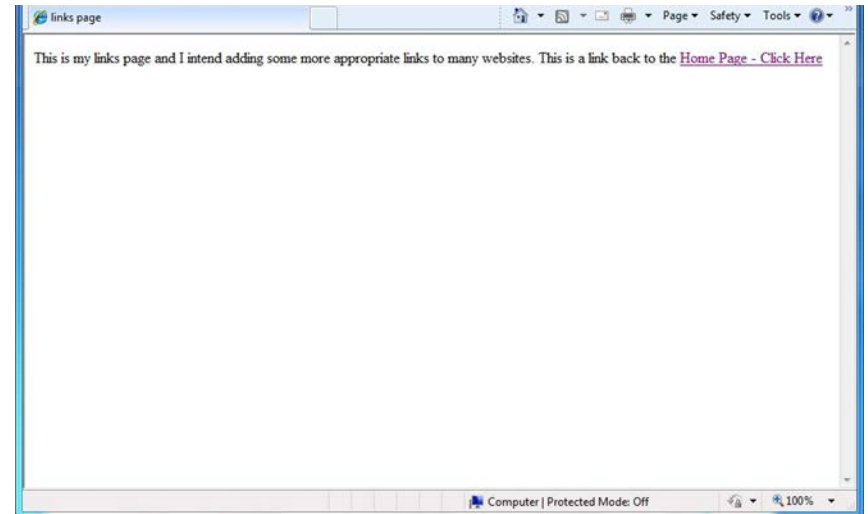
The code – internal link

Notepad code

A screenshot of a Notepad window titled "links - Notepad". The window contains the following HTML code:

```
<html>
<head>
  <title> links page</title>
</head>
<body>
  This is my links page and I intend adding some more appropriate links to
  many websites. This is a link back to the
  <a href="index.html"> Home Page - Click Here </a>
</body>
</html>
```

Web browser appearance



Link some more

- Provide a link within your index.html page to your links.html page
- Notice when you have clicked the link, the font colour and underline colour change to show a used link
- Now add some external links to various web pages of your choice within the links.html page and try them out



Email address hyperlink

- Either text or images can be linked to email, allowing the user to click on the hyperlink and their email client software (Microsoft Outlook for example) to automatically launch ready for a new email to the email address specified within the hyperlink
- Try putting this into your web page:

```
<body>
```

```
Send me some email messages
```

```
<a href="mailto:onlyme@nothereorthere.com">Email</a>
```

```
</body>
```

- Play around with the text and the email address

