Worksheet 1: Creating a web page using HTML

Activity 1:

1. Copy the Australia.html and Australia.jpg files to your own file area.
2. Open Australia.html in a browser.
3. Open the same file in Notepad++.

You can practise changing some of the HTML code in order to see changes in the web page.

1. Change the Title text.
2. Refresh the web page in your browser by pressing **F5**. What happened?
3. Here are some more changes you could make. Refresh the browser window after each one.
   1. Change the background colour (Choose a new colour code by using the **Link Hex Colour Picker** or <http://www.w3schools.com/tags/ref_colorpicker.asp>)
   2. Change the size of the fonts
   3. Change the width dimension of the picture
   4. Change the colour of the text
   5. Change the title and some of body text
   6. Change the text justification to left, right or center
   7. Change the destination of the links by pasting in a new web address

Activity 2

Follow the instructions below in order to create a new web page using HTML script.

* Copy the NewZealand.html file and the NewZealand.jpg files to your own file area
* Open the NewZealand.html file in a browser; the web page will be blank
* Open the same file in a text editor such as Notepad or WordPad

**Step 1:** Edit the HTML code, following instructions given below on the right hand side.

<!DOCTYPE html>

* Write a title in between the <title> and </title> tags
* **Save** the webpage using **File**, **Save** or press **Ctrl+S**
* Switch to the browser and **Refresh** or press **F5**
* Can you see what changed?

<html>

<head>

**<title>New Zealand</title>**

</head>

<body>

</body>

</html>

**Step 2:** Add a heading:

<!DOCTYPE html>

* After the <body> tag write **<h1></h1>**
* In between the new **Heading** tags, write some text
* **Save** the html file and **Refresh** the browser to view your changes

<html>

<head>

<title>New Zealand</title>

</head>

<body>

**<h1>SEE AMAZING SCENERY</h1>**

</body>

</html>

**Step 3:** Format the page

<!DOCTYPE html>

<html>

<head>

<title>New Zealand</title>

</head>

<body>

* Inside the <h1> tag add a style attribute
* **Save** and **Refresh** the browser

<h1 style="text-align:center">

SEE AMAZING SCENERY

</h1>

</body>

</html>

**Step 4:** Add text and images

Now try making these simple changes to add and format a paragraph of text, insert and resize an image.

<title>New Zealand</title>

* Add a paragraph tag **<p>** and set the alignment to center
* Add the <img> tag to include an image and specify the width in pixels
* Add some text
* Close the </p> tag
* **Save** and **Refresh** the browser

</head>

<body>

<h1 style="text-align:center">

SEE AMAZING SCENERY

</h1>

**<p style="text-align:center">**

**<img src=newzealand.jpg width=700px>**

**Explore the lakes, rivers and   
mountains of New Zealand**

**</p>**

</body>

</html>

**Step 5:** Add a break and create a hyperlink to another page

A break tag **<br>** has the same effect of pressing the Enter key in a word processor. It does not need a closing tag.

The **<a>** tag is used to add an link. Any text in between the opening and closing tags will become your hyperlink, and will automatically become blue and underlined to indicate to users that it is a link. You could even put an image between the <a> tags and that would be become a link too.

<!DOCTYPE html>

<html>

<head>

<title>New Zealand</title>

</head>

<body>

<h1 style="text-align:center">

SEE AMAZING SCENERY

</h1>

<p style="text-align:center">

<img src=newzealand.jpg width=700>

* Add a break tag **<br>** to push the text onto a new line
* **Save** and **Refresh** the browser
* Add **<a></a>** tags to create a link and set the link destination to the **Australia.html** file

**<br>**

Explore the lakes, rivers and   
mountains of New Zealand**, or**

**<a href=australia.html>**

**click here to explore Australia</a>**

</p>

</body>

</html>

**Extension activities**

Make some more changes to the web page using some of the skills above. You can also experiment or use a search engine to find new tips or tricks in HTML. What do you think the <strong>, <em> and <hr> tags do? Look at the **Australia.html** file or use the Internet to find out.

Try changing the web page to display a new topic of your own choice.