

All Creative Designs

Basic HTML for PC Tutorial Part 1 Using MS Notepad



My First Web Page

Step by step instructions to build your first web page

Brief Introduction

What is html? The abbreviation stands for Hyper Text Markup Language.

The computer language used to create hypertext documents, allowing connections from one document or Internet page to numerous others.

HTML is the primary language used to create pages on the World Wide Web.

Duration of this tutorial is approximately 30 - 40 minutes.

If you can create a folder, save files and are able to copy and paste this tutorial is not difficult to complete.

Step 1

Open My Computer and select your My Documents folder.

Create a new folder in My Documents by right clicking in white space and selecting New then Folder (See Figure 1a) naming it *local_websites*.

Select *local_websites* folder and in this directory create another folder calling it *my_first_webpage*. (See Figure 1)



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Rule 1

No spaces in any file or folder names use underscores, dashes or capital letters instead. For example myFirstWebpage or my-first-webpage.

Step 2

Go to any of our photo pages under Gallery. Click below to open web page if necessary:

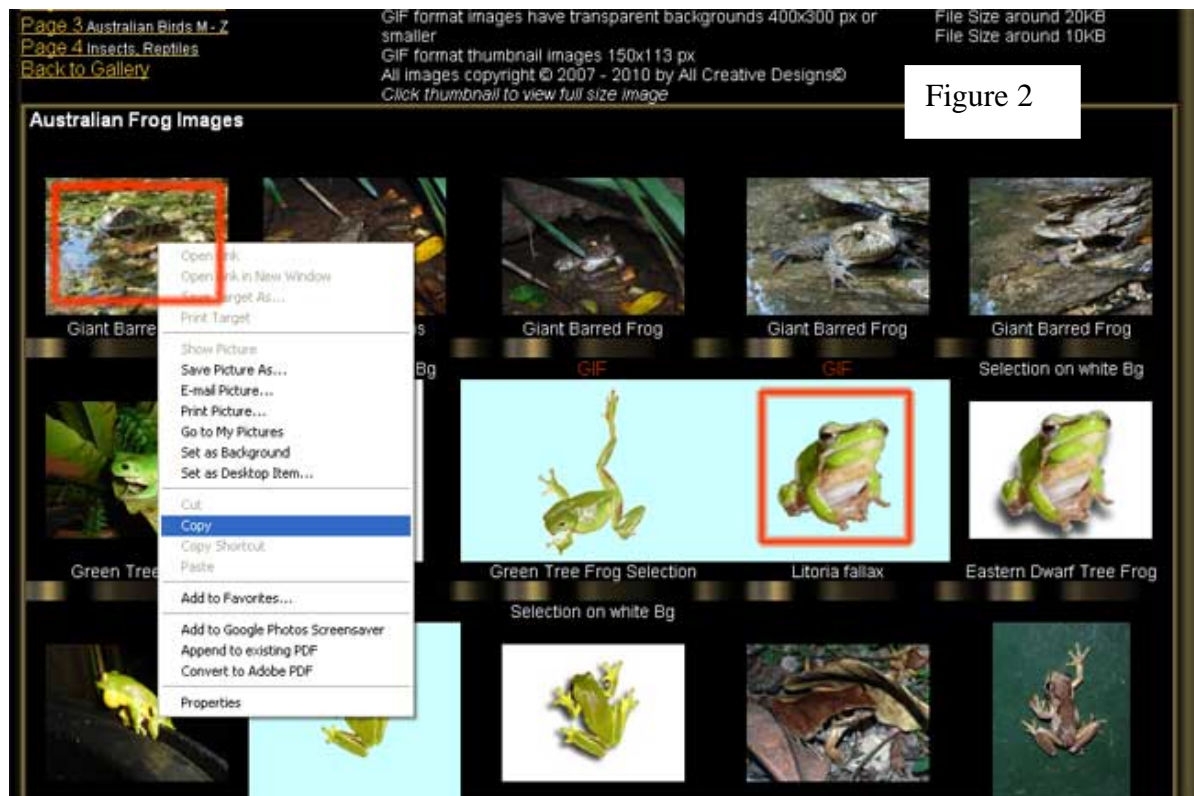
www.allcreatedesigns.com.au/pages/gallanimals_amphibians.html

You might have to type or copy and paste this address into your browser if viewing the PDF version

Right click any thumbnail image and select copy. Navigate to your *my_first_webpage* folder and paste, repeat process so you have two images (150x113px) or (180 x 135px) in your web page folder.

See figure 2

(Using your own images will be covered later.)



Rule 2

Only jpg, gif or png image file formats will work and remember no spaces in file names. Use underscores dashes or capital letters instead.

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Step 3

Open Notepad in windows, All Programs > Accessories > Notepad

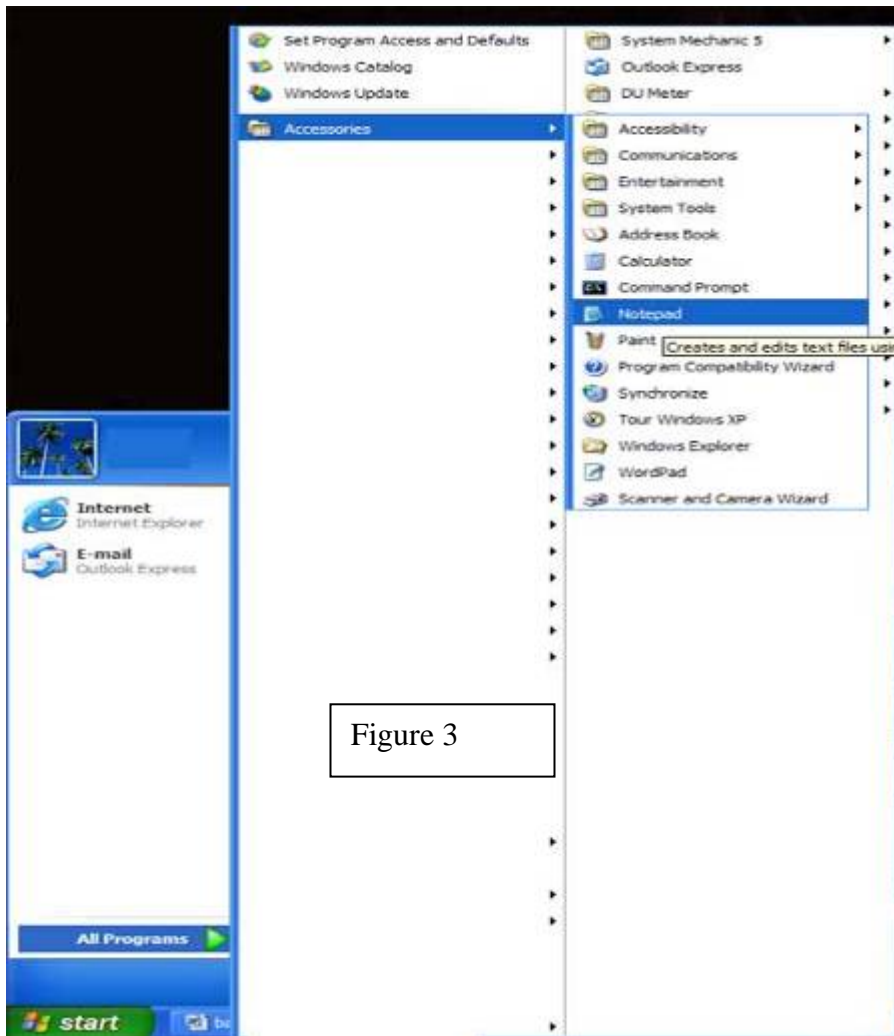


Figure 3

To create a notepad desktop icon right click, mouse over **Send to >** and select **Desktop (create shortcut)**.

Rule 3

Only Notepad will work, do not use MS Word.

Step 4

HTML is written in the form of labels referred to as tags surrounded by angle brackets. Tables, rows and cells are used to position content elements like images and text on your web page. (More explanations on tables, rows and cells in Part 2.)

Start typing

Only type code shown in **green** (view figure 4 on next page for an example).

Description	Actual Code	Explanation
Open html tag	<code><html></code>	Opens html document
Open head tag	<code><head></code>	Opens the head section of the document
Open and closing title tags	<code><title>Your Web Page Title</title></code>	Type web page title in between title tags, this inserts page title into top of internet browser
Closing head tag	<code></head></code>	Closes the head section of the document
Open body tag	<code><body></code>	Opens the body section of the document
Open table tag	<code><table width="900" align="center"></code>	This will create a table at 900 pixels width, centered on your web page
Open first row tag	<code><tr></code>	Opens the first row in your table
Open left cell tag	<code><td width="700" ></code>	Opens the left cell in your first row and sets the width to 700 pixels
Open and closing headline tags	<code><h1>Your Headline Text</h1></code>	Will insert text as a headline size 1 (largest) into this cell
Closing left cell tag	<code></td></code>	Closes the left cell in your first row
Open right cell tag	<code><td width="200" ></code>	Opens the right (second) cell in your first row and sets the width to 200 pixels
Image tag	<code></code>	Embeds the image into the right cell (*see further instructions next page). No closing image tag
Closing right cell tag	<code></td></code>	Closes the right cell in your first row
Closing first row tag	<code></tr></code>	Closes your first row
Open second row tag	<code><tr></code>	Opens the second row in your table
Open and closing cell tags	<code><td>Type some text</td></code>	Opens and closes left cell in your second row and inserts text typed
Open cell tag	<code><td></code>	Opens right cell in your second row
Image tag	<code></code>	Embeds the image into the right cell, second row (*instructions)
Closing cell tag	<code></td></code>	Closes the right cell in your second row
Closing second row tag	<code></tr></code>	Closes the second row in your table
Closing table tag	<code></table></code>	Closes the table
Closing body tag	<code></body></code>	Closes the body section of the document
Closing html tag	<code></html></code>	Closes html document

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* Instructions to embed images

Make sure your image file names are spelt exactly the same as in your *my_first_webpage* folder.

For example: ``

Do not forget file extension (jpg, gif or png). Please note an image tag has no separate closing tag as a forward slash `/` is included and leave a space between inverted commas and slash.

Make sure you use inverted commas/double quotes not double typed apostrophes/single quote.

Inverted Commas / Double Quotes on your Keyboard → 

Finished notepad text document
See figure 4



```
<html>
<head>
<title>Fred's Web Page</title>
</head>
<body>
<table width="900" align="center">
<tr>
<td width="700"><h1>Welcome to Fred's Web Page</h1></td>
<td width="200"></td>
</tr>
<tr>
<td>Type some text here</td>
<td></td>
</tr>
</table>
</body>
</html>
```

Rule 4

For every opening tag (with a few exceptions) there has to be a closing tag or your web page will not work correctly.

No capital letters in html tags (within brackets) except image file names.

Type text (in between tags) normally using capitals and spaces.

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Step 5

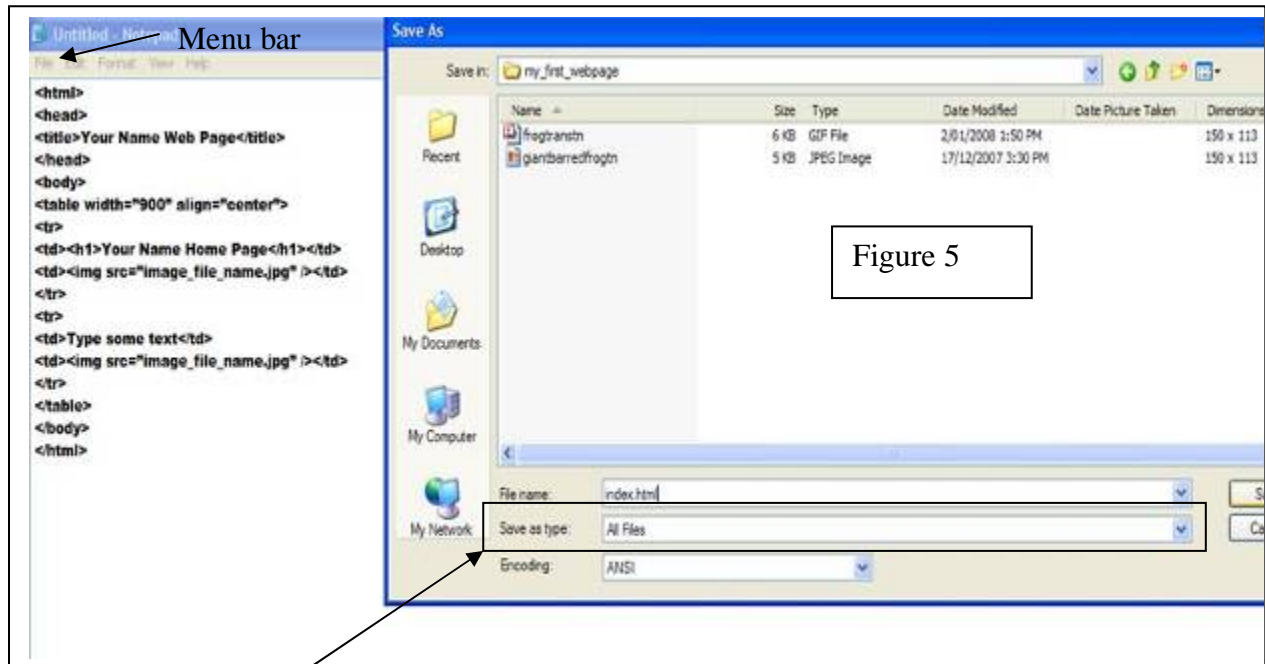
Save your notepad file

In your notepad document click **File** than **Save** in top menu bar and navigate to your my_first_webpage folder.

Under **Save as Type** select all files and name the file **index.html**

Then click **Save**

See figure 5



Save as Type

Rule 5

It is important to name your home page index.html as internet browsers will look for this file first.

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Step 6

Viewing your web page

In windows explorer (My Computer) navigate to your my_first_webpage folder and double left click your index.html file. Your web page should open in your default web browser i.e. Internet Explorer, Mozilla Fire Fox or others.

The other way is to open your web browser and go to file in top menu bar, there choose open and than browse to your web page folder. Select your index.html file and click open than click ok to view your web page.

Screen shot of web page created in notepad

See figure 6

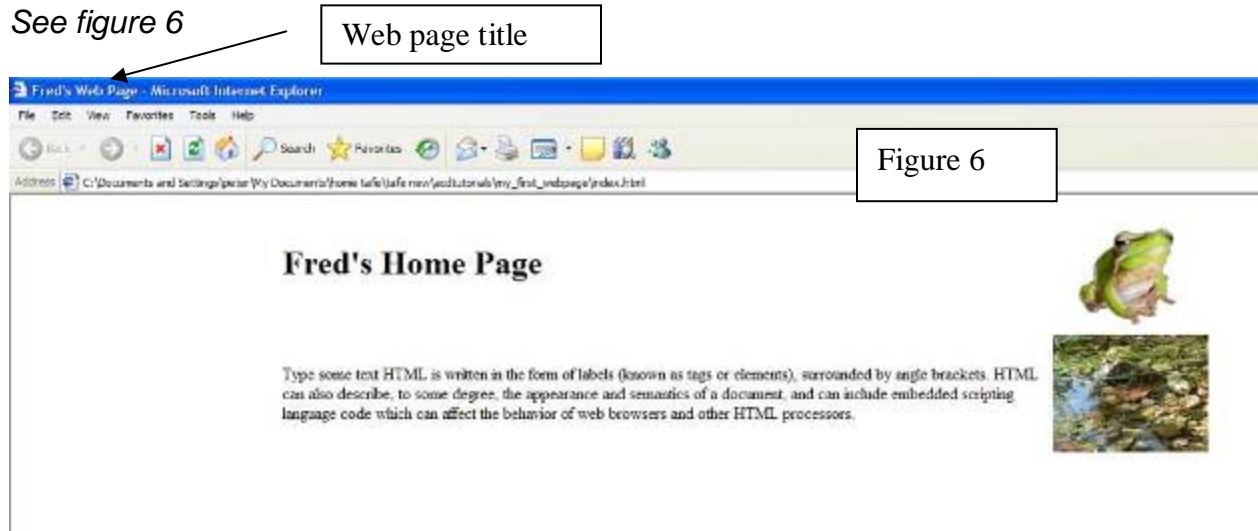


Image tags are: `` and ``

If you find mistakes in your index.html code make the necessary changes and save again. If your web page is still open in your browser just click refresh otherwise reopen your web page (See Step 6).

How to troubleshoot your index.html file is explained on the next page.

Trouble Shooting

My images will not show if:



1. Images are not saved in the same folder than your index.html file
2. Spelling mistakes or spaces in file names
3. Wrong file extension i.e. .jpg instead of .gif
4. Copied file names from MS Word
5. Used double typed single quotes/apostrophes instead of inverted commas/double quotes

Inverted commas/double quotes on your keyboard →



Positioning of elements incorrect:

1. Missing closing tags
2. No forward slash in closing tag
3. Incorrect spelling or spaces within html tags
4. Used double apostrophes instead of inverted commas

If you find mistakes in your index.html code make the necessary changes and save again. If your web page is still open in your browser just click refresh otherwise reopen your web page (See Step 6).

The second part of this tutorial will add; backgrounds, font colors, hyperlinks and more to your web page.

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