

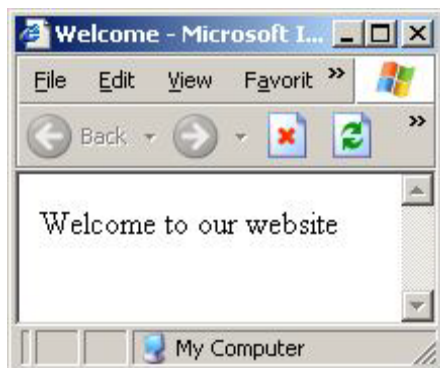
TOOLS REQUIRED (You can use any of the following tools)

- HTML Help Workshop
- HTML-Kit 292 (Free)
- eBook - HTML, XHTML, and CSS Complete, 6 edition. Chapters 1 to 4.

Introduction to HTML

At the end of this practical, you should have learnt how to create the following web pages using HTML coding.

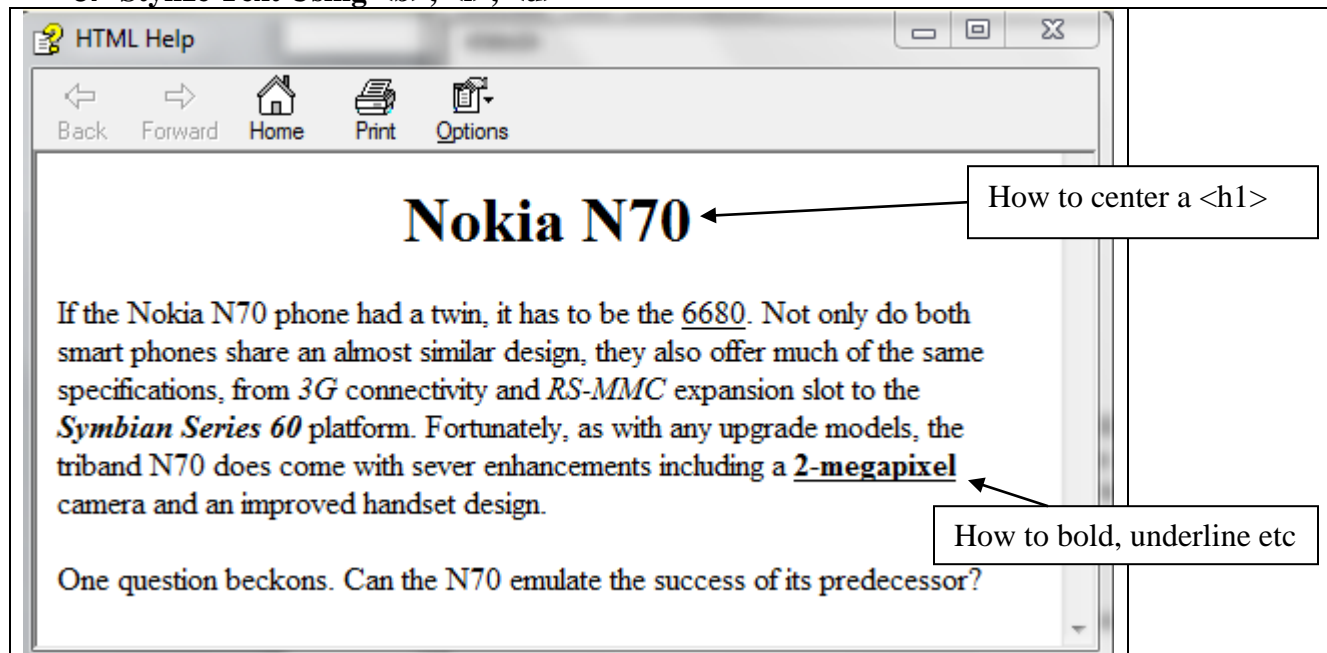
1. Basic HTML



2. Header Elements



3. Stylize Text Using , <i>, <u>

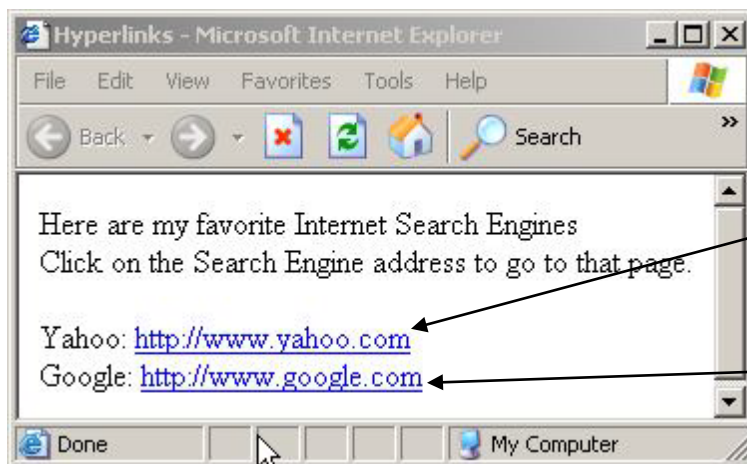


4. Insert Images

Remember to save the image in the same folder as you save your HTML file!



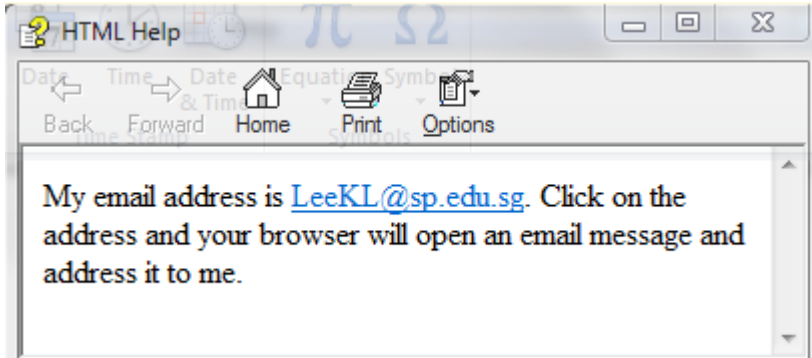
5. Link to other websites



Open in the same window

Open in the new window

6. Email Link



7. Using the FONT element to format text

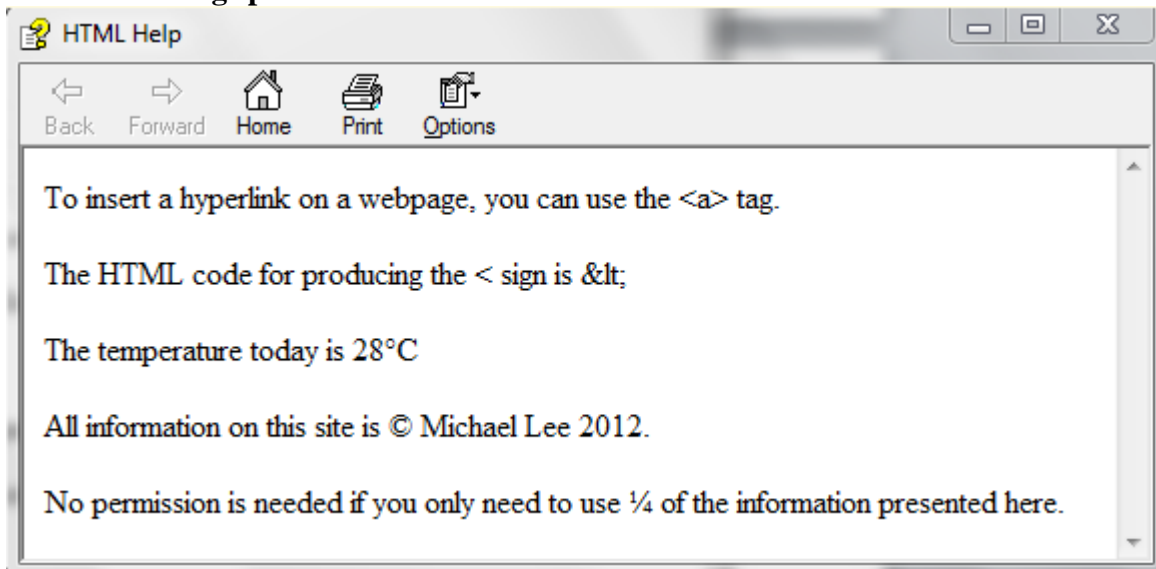


Color is "blue"
Font size is "Script"
Size is 3 times bigger

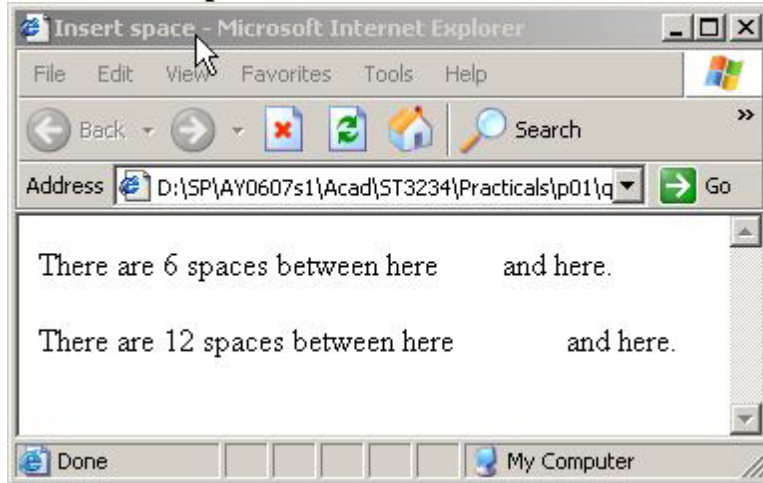
Size is 2 times smaller

Color is "red"

8. Inserting special characters into HTML

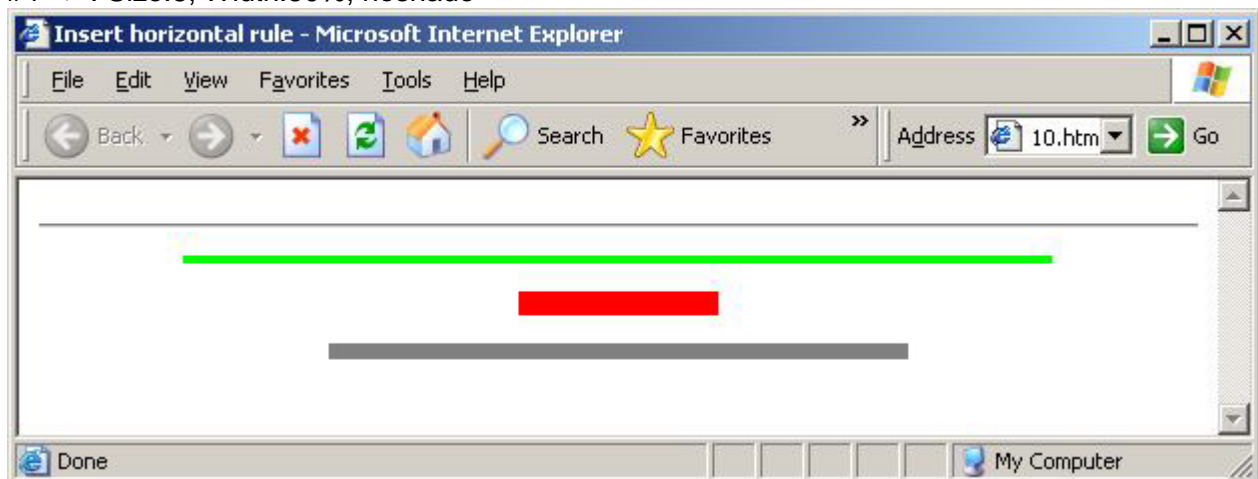


9. Insert space



10. Insert horizontal rule

- #1 => Default
- #2 => Size:4, Width: 75%, Color: #00ff00
- #3 =>: Size is 12, Width:100, Color:Red
- #4 => : Size:8, Width:50%, noshade



11. Unordered and ordered lists

Unordered list

- Singapore Poly
- Ngee Ann Poly
- Temasek Poly

Ordered list

1. Singapore Poly
2. Ngee Ann Poly
3. Temasek Poly

Unordered list

- Singapore Poly
- Ngee Ann Poly
- Temasek Poly

Ordered list

- i. Singapore Poly
- ii. Ngee Ann Poly
- iii. Temasek Poly

12. Tables




SP	Singapore Polytechnic
NP	Ngee Ann Polytechnic
TP	Temasek Polytechnic

13. Merging columns in tables

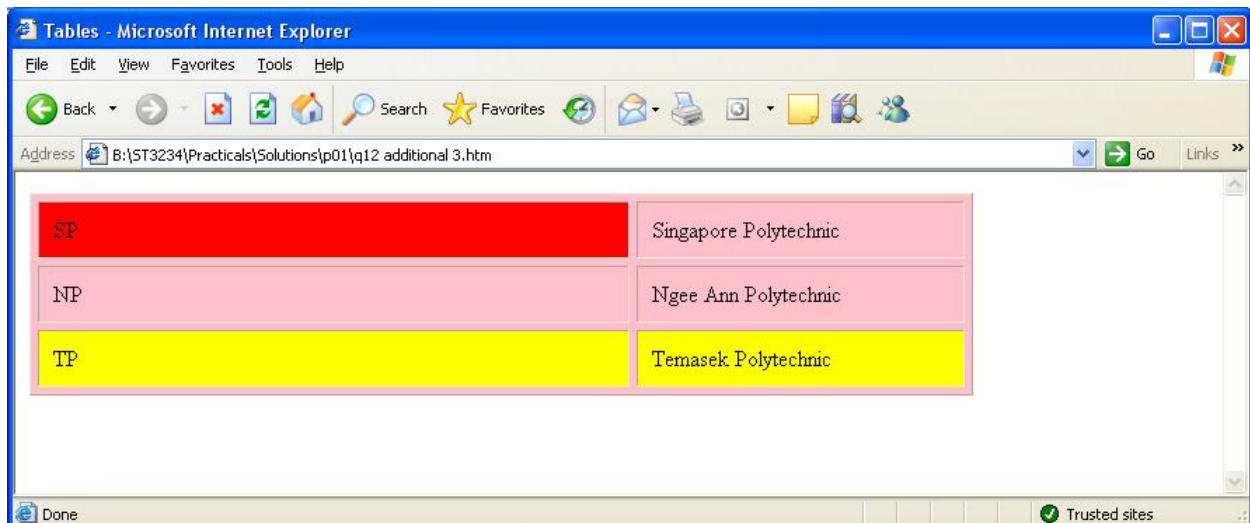
Polytechnics in Singapore	
SP	Singapore Polytechnic
NP	Ngee Ann Polytechnic
TP	Temasek Polytechnic

14. Merging rows in tables in tables

SP	Singapore Polytechnic	
NP	Ngee Ann Polytechnic	
TP	Temasek Polytechnic	

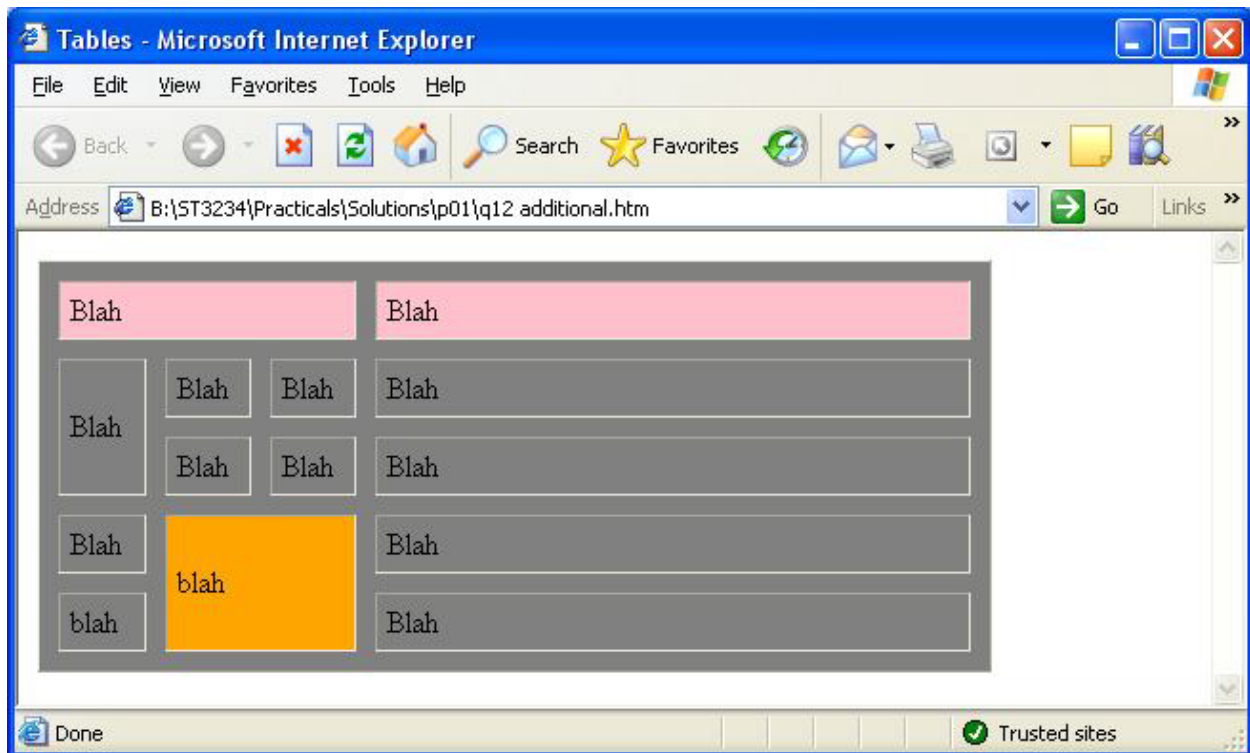
15. Setting bgcolor, cellpadding, cellspacing and widths for tables

- ☐ The total width of the table should be 80% of the window.
- ☐ The width of the first column should be 400 pixels
- ☐ The background color of the table should be pink.
- ☐ The cell padding is 10 pixels.
- ☐ The cell spacing is 5 pixels.



16. Tables – Multiple settings

- ☐ The total width of the table should be 500 pixels
- ☐ The width of the last table column should be 300 pixels
- ☐ The background color of the table should be gray.
- ☐ The cell padding is 5 pixels.
- ☐ The cell spacing is 10 pixels.



17. Form

The name textfield should have the words “Pls type your name” by default and the female radio button is selected by default.

A screenshot of a web form. It contains the following elements:

- Name: A text input field with the placeholder text "Pls type your name".
- Password: A text input field.
- Year: A dropdown menu with "Year 1" selected. An arrow points from this dropdown to a second, expanded dropdown menu on the right.
- Gender: Two radio buttons, "Male" and "Female". The "Female" radio button is selected.
- Comments: A large text area with the placeholder text "Pls type your comments here".
- Go: A button.

The second dropdown menu on the right shows the options: "Year 1", "Year 2", and "Year 3".

18. <body> tag

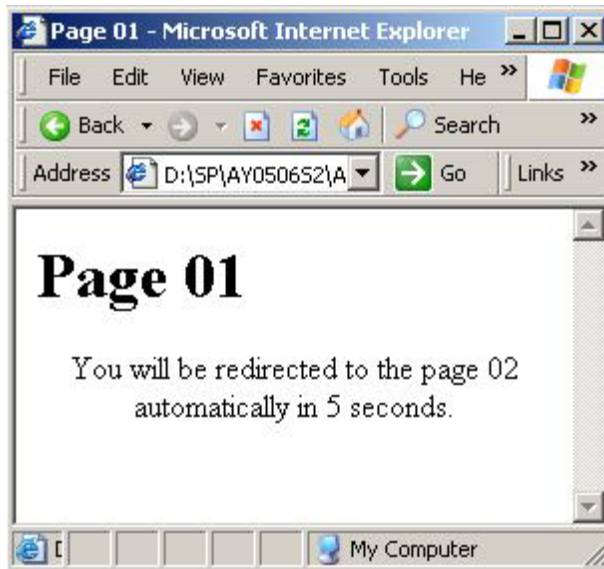
You may download any .gif file from Internet or “bg.gif” from the Blackboard if you wish.

- ☐ Webpage has a tiled background image (you may use any image)
- ☐ Text is blue by default.
- ☐ Unvisited links are green.
- ☐ Visited links are orange.
- ☐ Active links are purple.



19. How to use the <meta> tag to perform redirection

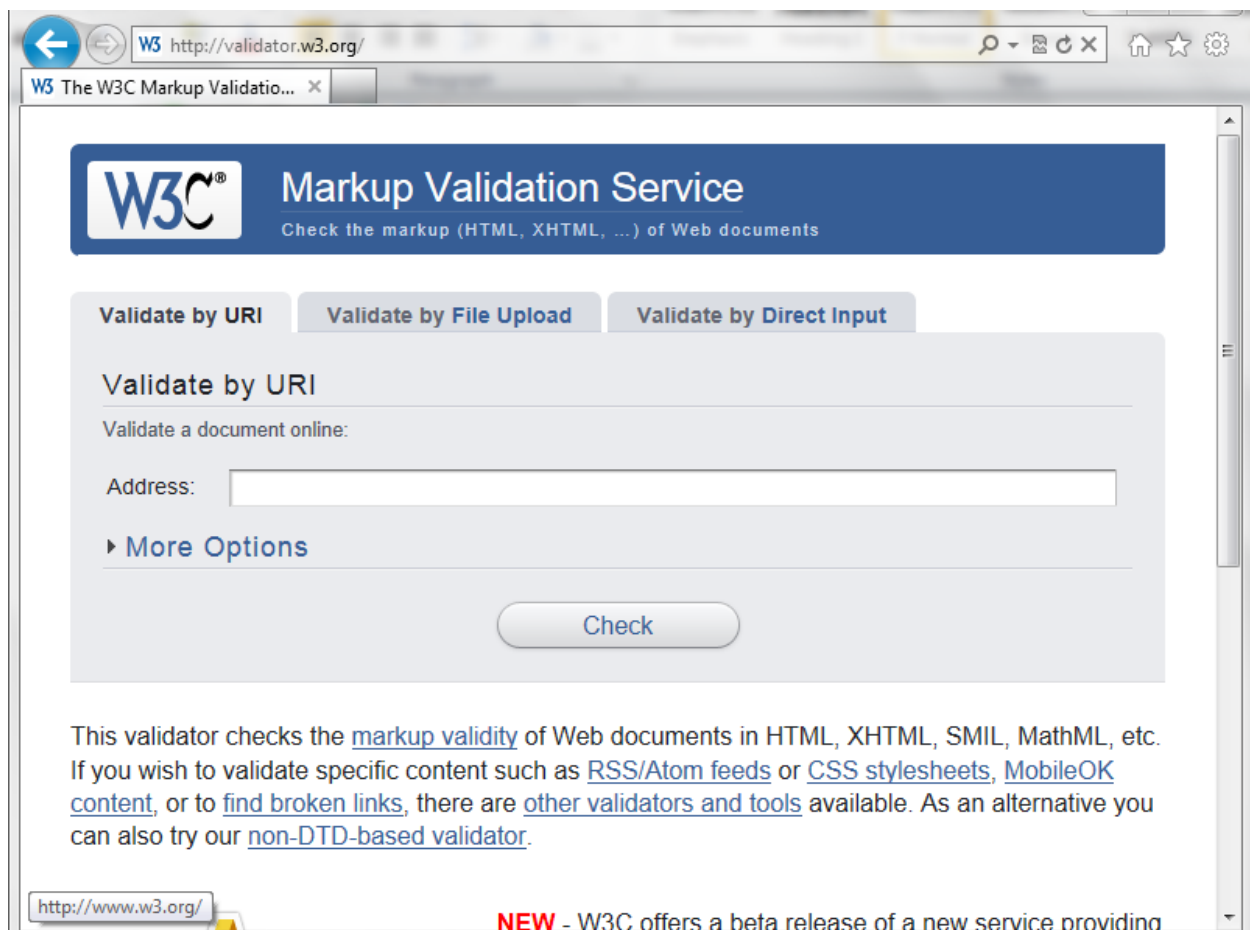
Using meta-tags, create 3 web pages such the first web page is redirected to the second web page after 5 seconds and the second web page is redirected to the third web page after 10 seconds.






20. XHTML Transitional 1.0 compliant

Create a HTML5 webpage that is XHTML Transitional 1.0 compliant (using the !DOCTYPE tag) and validate it using the w3c validator at <http://validator.w3.org/>. You can refer to the webpage at http://www.w3schools.com/xhtml/xhtml_syntax.asp for the mandatory XHTML syntax.



W3 The W3C Markup Validatio... x



Markup Validation Service

Check the markup (HTML, XHTML, ...) of Web documents

Validate by URI

Validate by File Upload

Validate by Direct Input

Validate by direct input

Enter the Markup to validate:

```
<html lang="en">
<head>
<title>HTML5 Fundamentals </title>
<style>body {background: white; }
</style>
<h1>Background Every Web Developer Needs to Know</h1>
</head>
<body>
<footer>
<small>Copyright © 2012-2013 Michael Lee</small>
</div>
</html>
```

► More Options

Check

W3C [Invalid] Markup Validation ...

W3C Markup Validation Service
Check the markup (HTML, XHTML, ...) of Web documents

Jump To: [Notes and Potential Issues](#) [Validation Output](#)

Errors found while checking this document as HTML5!

Result:	8 Errors, 3 warning(s)
Source :	<pre><!DOCTYPE html> <html lang="en"> <head> <title>HTML5 Fundamentals </title> <style>body {background: white; } </style> <h1>Background Every Web Developer Needs to Know</h1> </head> <body> <footer> <small>Copyright © 2012-2013 Michael Lee</small> </div> </html></pre>
Encoding :	utf-8 (detect automatically)
Doctype :	HTML5 (detect automatically)

21. Create your own personal profile (Curriculum Vitae) using HTML5 Standard.

A curriculum vitae is a synopsis of your background and skills. A CV includes a summary of your educational and academic backgrounds as well as affiliations and other details. CV should include your name, contact information, education, skills and experience. Start by making a list of all your background information and organize it into categories. Do prepare your CV for a professional presentation using your preferred web browser.

22. Download Lab1 Files from BB

Open HTML, XHTML, and CSS Complete, 6 edition eBook and go to the appropriate chapters (chapter 2 to 4) for reference. You may use HTML-Kit to test HTML programming examples used in the book.

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