

# Part 1: Creating a html 5.0 template

## *Step 1: Create a new text file.*

If you are on a PC, use Notepad++. If you are on a MAC, use Text Wrangler. For more detailed instructions, see <http://www.eecis.udel.edu/~yarringt/103/CreatingTextFiles.pdf>

In both cases, you must save the file as a text file, but you must add a .html to the end of the name of the file. This is solely for the browser. With a .html extension, the browser now knows to read and display the file as if it contains html code.

## *Step 2: Create a basic html 5.0 template. Type the following into your new text file:*

```
<!DOCTYPE html>
<html lang ="en-US">
  <head>
    <meta charset="utf-8">
    <title>
    </title>
  </head>
  <body>
  </body>
</html>
```

This is the least you need to create a web page. Each of these tags must be on your web page in this order. Equally, each of these tags must occur ONCE only on your web page.

## *Step 3: Save the file (save as template.html):*

When you save, save it as template.html. This file, once validated, will be your template for future html web pages you create.

When you create new web pages, open this template, copy it into a new file, save it as your new web page (with a new name, and the .html extension) and then you can edit it.

## *Step 4: Check it in a browser:*

Find the file template.html on your computer (wherever you saved it) and double-click on it. A web page should pop up in your browser. If it's a completely blank web page, you've done it right.

## *Step 5: Validate your web page:*

Your web page must validate using the World Wide Web Consortium standards. The W3C developed xhtml standards so that all the different browsers would read and understand the same html tags. You want to make sure your code follows those standards so that it will display properly on all the browsers. To do this, go to:

[http://validator.w3.org/#validate\\_by\\_upload](http://validator.w3.org/#validate_by_upload)

Use the browse button to find the file you just created.

Hit the check button.

If you get a green line with the words, "This document was successfully checked as HTML5!" at the top of the resulting page, your page has validated. You now have a template for future use.

If you get errors, there is a problem with your html code. Since so far your file only contains the html code from above, and I know that code validates, it means you've got a typo. Open the file, and very carefully check to make sure what you typed in is exactly what I have above.

**Note:** You should get 1 warning. That is because html 5.0 has no official standard among browsers at this point. We are using it, and will largely use elements of html 5.0 that aren't controversial and should work on all browsers. But be aware that currently html 5.0 isn't standard.