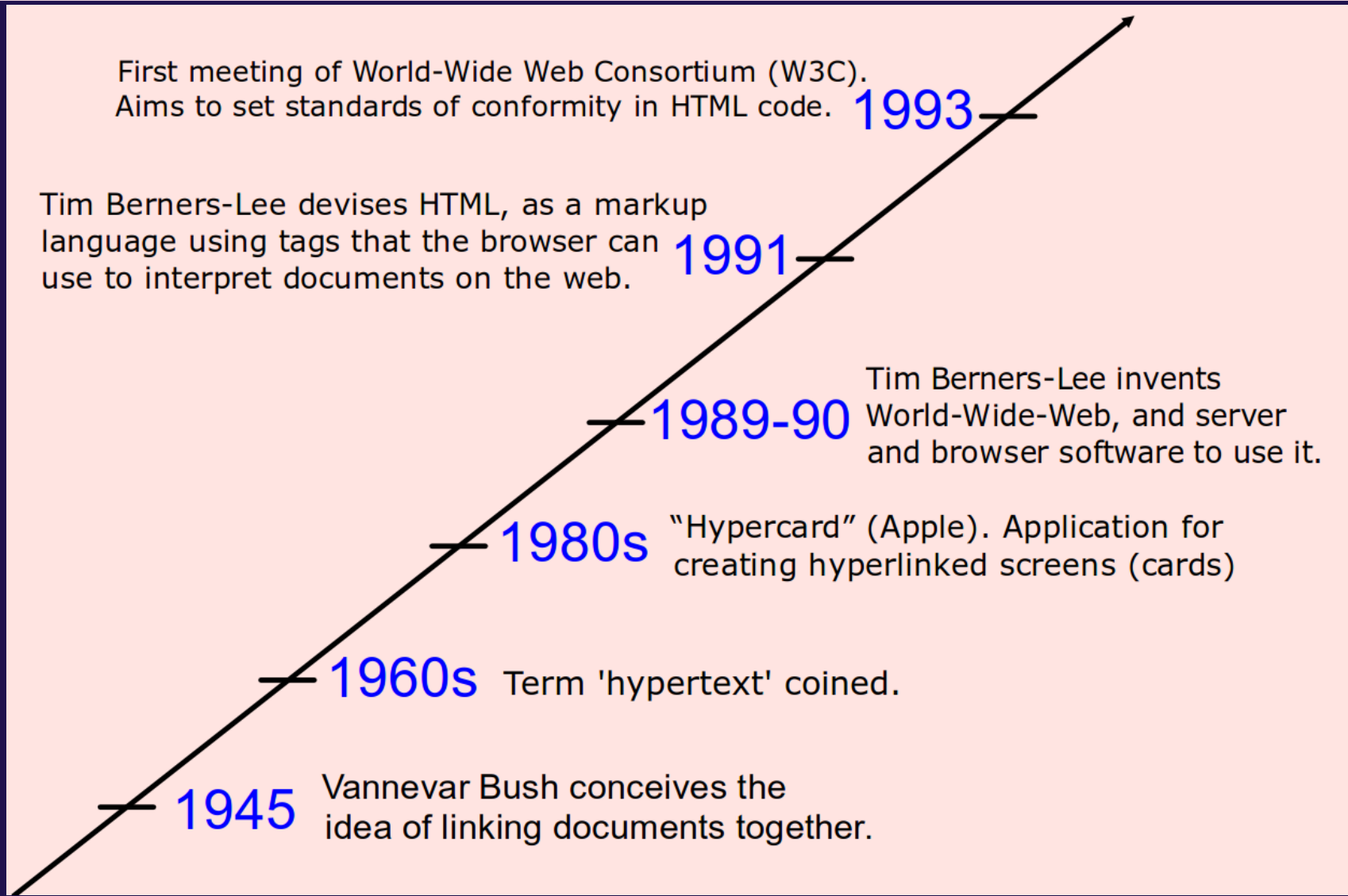


Unit 4

WWW & HTML

<html></html>

Timeline



HTML

1995 - Present:

HTML 2

HTML 3

HTML 4

2000+: XHTML

2005 - Present:

HTML5

(adopted by W3C in 2007)

HTML5

- 100+ tags
- Notable new tags: `<audio>` `<video>` `<canvas>`
- Supported on all modern browsers (Chrome = best)
- Older browsers may not support some tags!

HTML Document

Begin document
Declare HTML

```
<!DOCTYPE html>  
<html>
```

Preliminary data

```
<head>  
<title>Title of the document</title>  
</head>
```

Content to display
in browser

```
<body>  
The content of the document.....  
</body>
```

End document


```
</html>
```

HTML Tag `<x>` Form

- Tags define markup
- Tag structure:

`<h1>`some text here `</h1>`


start tag


end tag

Tags with no end!

- Common tags with no end tag:

`
` = line break

`<hr />` = horizontal line

`` = image

Comments in HTML

- Comments help you remember your code

`<!-- TEXT BETWEEN COMMENTS IS HIDDEN -->`

HTML Editors

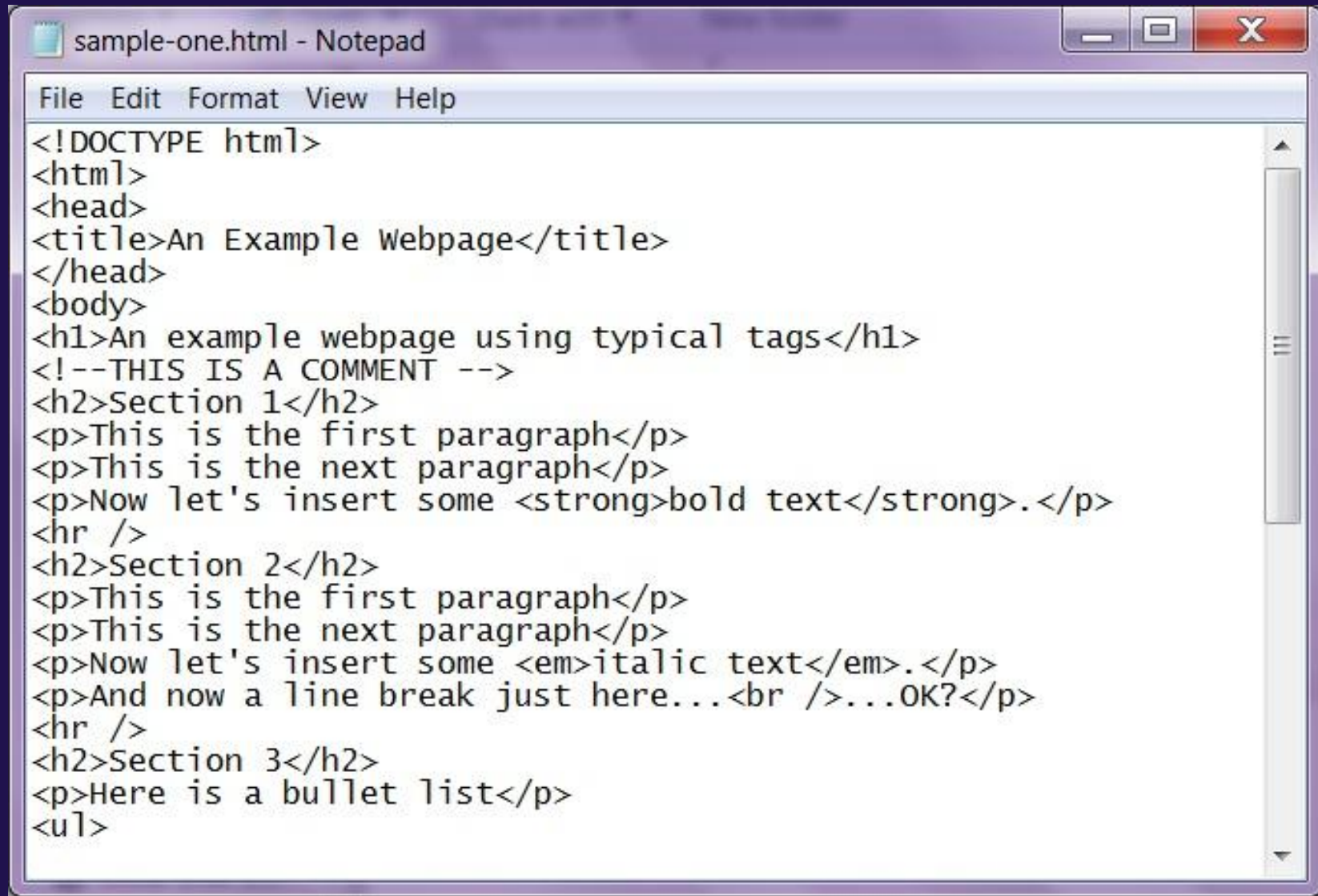
- **Plain Text Editors to use:**

Windows: Notepad, Notepad++

Mac: TextEdit, TextWrangler

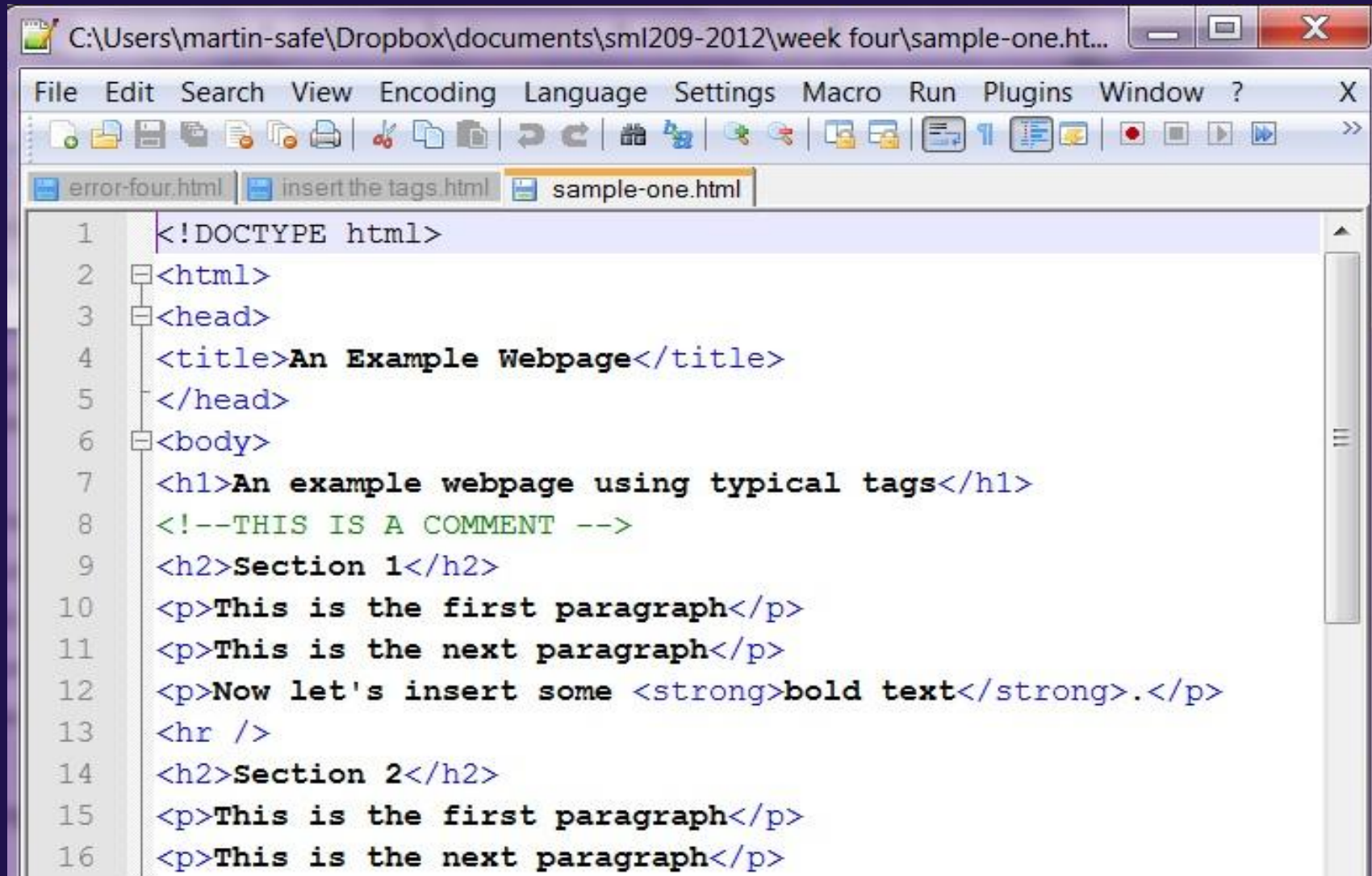
Linux: Gedit, Kate

Notepad

A screenshot of the Notepad application window titled 'sample-one.html - Notepad'. The window contains a menu bar with 'File', 'Edit', 'Format', 'View', and 'Help'. The main text area displays HTML code for a webpage. The code includes a DOCTYPE declaration, a title 'An Example Webpage', and three sections. The first section has a heading 'Section 1' and three paragraphs: 'This is the first paragraph', 'This is the next paragraph', and 'Now let's insert some bold text'. The second section has a heading 'Section 2' and three paragraphs: 'This is the first paragraph', 'This is the next paragraph', and 'Now let's insert some italic text'. The third section has a heading 'Section 3' and a paragraph 'Here is a bullet list'. The code is as follows:

```
<!DOCTYPE html>
<html>
<head>
<title>An Example Webpage</title>
</head>
<body>
<h1>An example webpage using typical tags</h1>
<!--THIS IS A COMMENT -->
<h2>Section 1</h2>
<p>This is the first paragraph</p>
<p>This is the next paragraph</p>
<p>Now let's insert some <strong>bold text</strong>.</p>
<hr />
<h2>Section 2</h2>
<p>This is the first paragraph</p>
<p>This is the next paragraph</p>
<p>Now let's insert some <em>italic text</em>.</p>
<p>And now a line break just here...<br />...OK?</p>
<hr />
<h2>Section 3</h2>
<p>Here is a bullet list</p>
<ul>
```

Notepad++

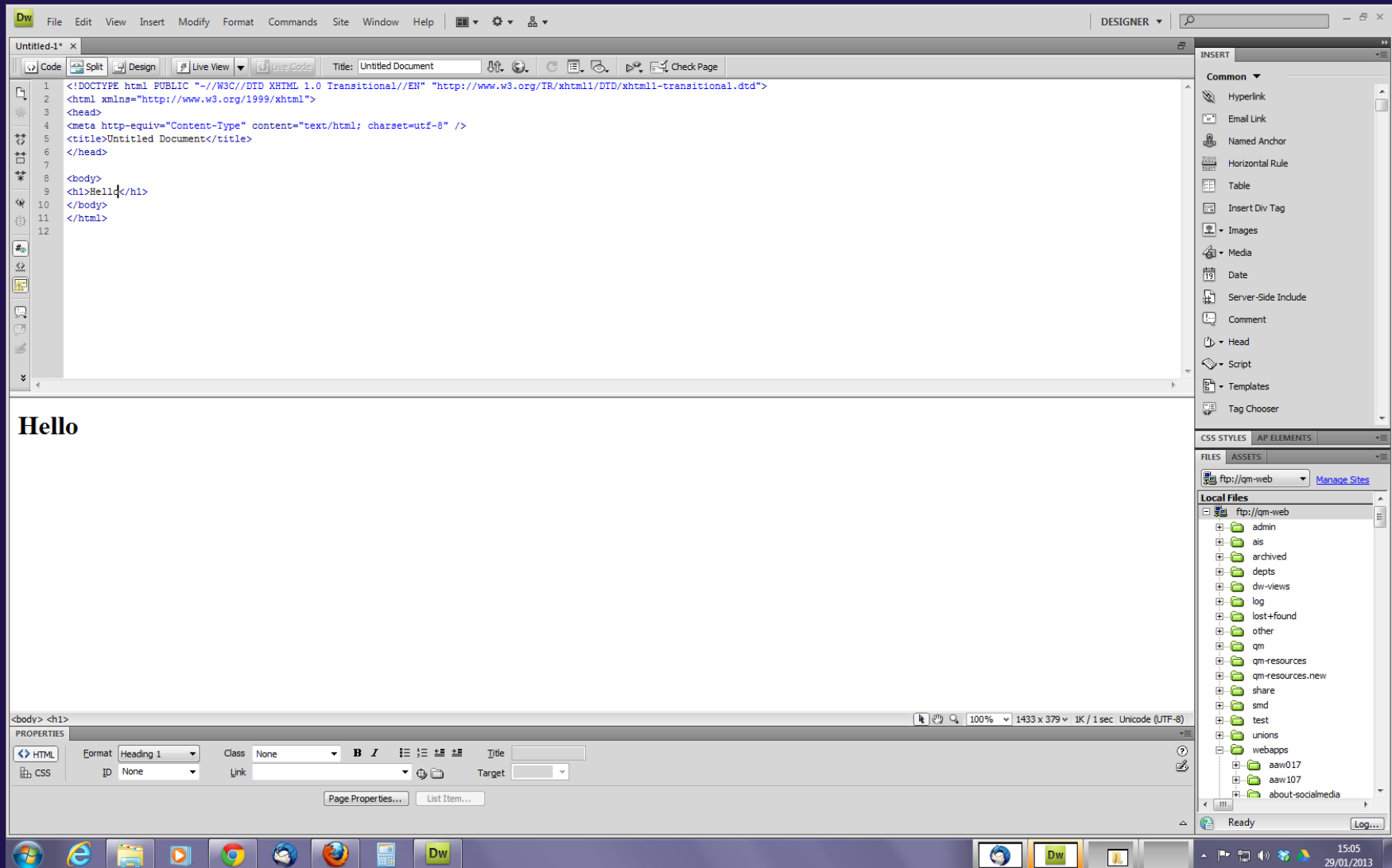


```
1 |<!DOCTYPE html>
2 |<html>
3 |<head>
4 |  <title>An Example Webpage</title>
5 |</head>
6 |<body>
7 |  <h1>An example webpage using typical tags</h1>
8 |  <!--THIS IS A COMMENT -->
9 |  <h2>Section 1</h2>
10 |  <p>This is the first paragraph</p>
11 |  <p>This is the next paragraph</p>
12 |  <p>Now let's insert some <strong>bold text</strong>.</p>
13 |  <hr />
14 |  <h2>Section 2</h2>
15 |  <p>This is the first paragraph</p>
16 |  <p>This is the next paragraph</p>
```

HTML Editors

- **WYSIWYG Editors:**
 - **Dreamweaver**
 - **Kompozer**
 - **Amaya**
 - **Blue Griffon**

Dreamweaver



CMS

- **Content Management Systems:**
 - **WordPress**
 - **Google Sites (+ Documents)**
 - **Drupal**
 - **Joomla!**