

Introduction to (x)html

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Your first web page

1. Create a text file `mypage.htm` with a *text editor*.

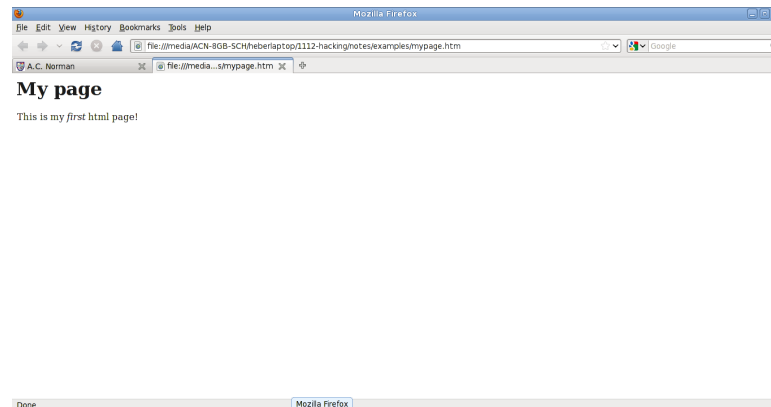
A text editor is a program which edits plain text files, so **not** a word processor like Microsoft Word). You could use Notepad on Windows, but it's probably better to use an editor with more features (emacs, vim, Notepad2, ConTEXT are all good open-source¹ editors), ConTEXT in particular is useful for the school environment as it can run from a USB stick (and the network won't let you download and run .exe files).

2. Type the following code into your file:

mypage.htm

```
1 <html>
2 <h1>My page</h1>
3 <p>This is my <em>first</em> html page!</p>
4 </html>
```

3. Open your file with a web browser (you can use any: Firefox, Opera, Chrome or Internet Explorer). It ought to look like this:



How does it work?

Web pages like the one you just wrote are `html`² files, which are simple text files with functional tags added to them. Your browser uses these tags to format and display the web page on your computer for viewing.

¹This means the source code of a program is made available, allowing anyone to copy and/or change it to build upon and improve the program.

²HTML stands for HyperText Markup Language.

Some more tags

There is a full list of html tags at <http://www.w3schools.com/tags/>. Try to only use tags with an 'S' in the 'DTD' column (I'll explain this more next time), and don't use *deprecated* tags.

Here are a few more tags to try out. Try to find out what each one will look like and what each does:

- `<h1>...</h1>`, `<h1>...</h1>`, `<h1>...</h1>`, `<h1>...</h1>`, `<h1>...</h1>`, `<h1>...</h1>`
— for headings.
- `<p>...</p>`.
- `
`.
- `...`.
- `...`.
- `<hr />`.
- `...`.
- `Bishop Heber High School`.



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