Writing HTML

Websites are written in **Hyper Text Markup Language** - called **HTML**

HTML code is the basic building blocks of websites

HTML uses **tags** to tell your **web browser** what to do on your screen.
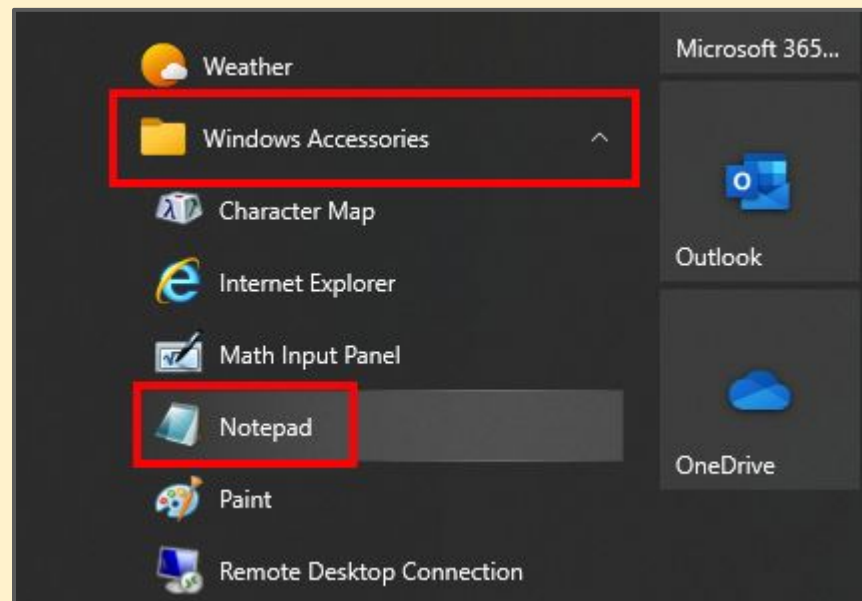
Writing HTML

You can see HTML: click **Ctrl + U** on any website!

```
1  <?xml version="1.0" encoding="UTF-8"?>
2
3  <!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.1//EN"
4      "http://www.w3.org/TR/xhtml11/DTD/xhtml11.dtd">
5
6  <html version="-//W3C//DTD XHTML 1.1//EN"
7        xmlns="http://www.w3.org/1999/xhtml" xml:lang="en"
8        xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
9        xsi:schemaLocation="http://www.w3.org/1999/xhtml
10                             http://www.w3.org/MarkUp/SCHEMA/xhtml11.xsd"
11 >
12
13 <head>
14
15   <meta http-equiv="Content-Type" content="text/html; charset=utf-8" />
16
17   <meta name="keywords" content="That Blue Square Thing, Blue Square Thing, Ian Ford, AQA Geography, geo
18
19   <meta name="description" content="That Blue Square Thing supports the AQA GCSE Computer Science and Ca
20
21   <title>That Blue Square Thing</title>
22
23   <link href='http://fonts.googleapis.com/css?family=Oxygen:300' rel='stylesheet' type='text/css' />
24   <link href='http://fonts.googleapis.com/css?family=Raleway' rel='stylesheet' type='text/css' />
25
26   <link href="assets/bstlayout.css" rel="stylesheet" type="text/css" />
27
28   <script type="text/javascript">
29
30   var _gaq = _gaq || [];
```

Writing HTML

The easiest way to write HTML is in a text editor such as **Notepad**

Find Notepad inside **Windows Accessories**

Writing HTML

```
newzealand.html - Notepad
File   Edit   Format   View   Help
<html>

<head>
  <title>New Zealand Tourism Page</title>
</head>

<body>

  <h1>New Zealand</h1>

  <p>New Zealand is a beautiful country with lots to do for tourists.</p>

  <p>Here are some of the things you can do.</p>

  <p>List THREE THINGS here using p tags</p>

</body>
</html>
```

Writing HTML

HTML tags:

Tags tell the browser what to do with the code.

<h1>Header**</h1>**

Opening tag   Closing tag uses backslash

Make sure you close each tag carefully - otherwise something odd might happen

Writing HTML

Useful HTML tags:

```
<h1>Big Header</h1>

<h3>Smaller header</h3>

<h6>Smallest header</h3>

<p>Paragraph</p>

<p>A <strong>bold</strong> word</p>

<p>Or <em>italics</em></p>
```

Writing HTML

Start with an **html** tag to identify that it's a webpage

```
newzealand.html - Notepad
File   Edit   Format   View   Help
<html>

<head>
  <title>New Zealand Tourism Page</title>
</head>

<body>

  <h1>New Zealand</h1>

  <p>New Zealand is a beautiful country with lots t

  <p>Here are some of the things you can do.</p>

  <p>List THREE THINGS here using p tags</p>

</body>
</html>
```

Every time you open a tag you **close it** later on

Writing HTML

The **head** goes above the body and puts the **title** on the web browser's **tab**

{

```
newzealand.html - Notepad

File   Edit   Format   View   Help

<html>

<head>
  <title>New Zealand Tourism Page</title>
</head>

<body>

  <h1>New Zealand</h1>

  <p>New Zealand is a beautiful country with lots t

  <p>Here are some of the things you can do.</p>

  <p>List THREE THINGS here using p tags</p>

</body>
</html>
```

Writing HTML

The **body** is the section that shows up on your screen

```
newzealand.html - Notepad

File   Edit   Format   View   Help

<html>

<head>
  <title>New Zealand Tourism Page</title>
</head>

<body>

  <h1>New Zealand</h1>

  <p>New Zealand is a beautiful country with lots t

  <p>Here are some of the things you can do.</p>

  <p>List THREE THINGS here using p tags</p>

</body>
</html>
```
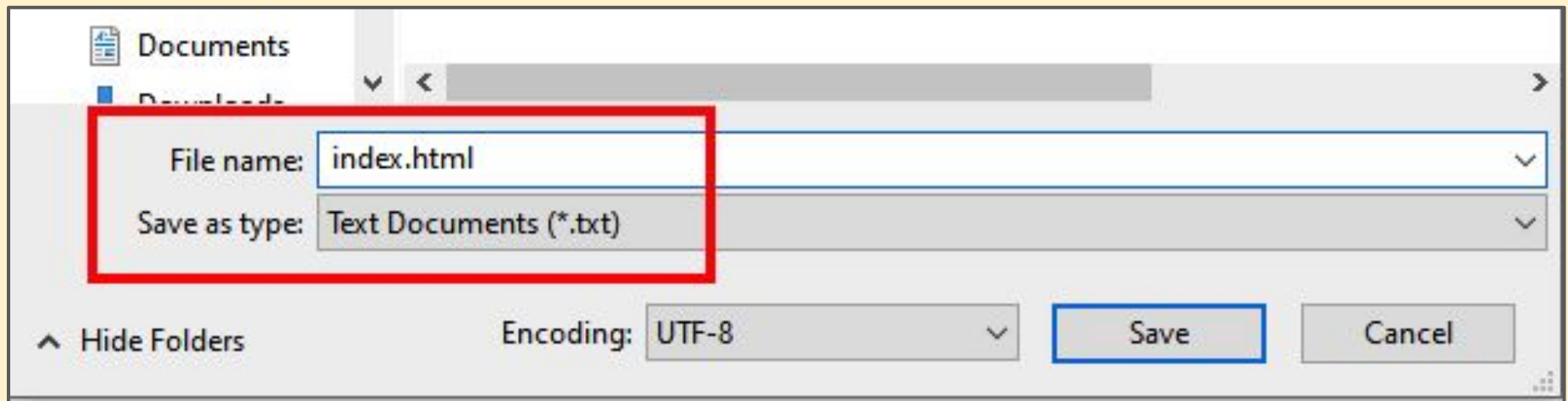
Writing HTML

When you **save** from Notepad, you **MUST** make sure the file ends with **.html**

YOU have to type the **.html** bit