

# First HTML Project

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# My First Webpage

- Use Putty to login to server and get users to set password
- Show Notepad++ and connect to home area using login details for SFTP
- Go to public\_html folder and right click to create new file called hello.html
- Enter the text below and save

Hello my name is *name* and this is my first webpage!

- Now go to a browser and open

<http://www.coderdojomilltown.com/~name/hello.html>

- Hey Presto our first webpage!!

# Tags

- Tags are format identifiers used in HTML documents
  - e.g. <table></table>
- Content goes between tags and attributes are placed within the open tag
  - e.g. text="blue"
- Documents are laid out with indentation to make easier to read
- HTML is not case sensitive but lower case is recommended for easier reading
- First HTML below
  - Add the extra HTML content around the previous content
- CSS is used with HTML for extra formatting but we wont cover CSS today

```
<html>
```

```
  <head>
```

```
    <title>Pick your own title</title>
```

```
  </head>
```

```
  <body text="blue" >
```

```
    Hello my name is name and this is my first webpage!
```

```
  </body>
```

```
</html>
```

# Headings and Formatting

- Headings use tags h1 to h6
- Bold is <strong> Italic is <em> (<b> and <i> work too but are less flexible)
- Paragraphs use <p> and a line break is <br> (no close tag needed for <br>)
- Note carriage returns aren't understood by the browser hence <p> and <br>
- Add the new text in bold below to demonstrate

```
<html>
  <head>
    <title>Pick your own title</title>
  </head>
  <body>
    <h1>My First WebPage</h1>
    <p>Hello my name is <em><strong>name </strong></em> </p>
    <p>This is my first webpage!</p>
    <br>
    <br>
    <p>and those are 2 line breaks!</p>
  </body>
</html>
```

# Other Formats

- `<blockquote>` is for quotations
- Horizontal rule `<hr>` is a line divider (no close tag).
- We use attributes below to format `<hr>` for half the page width and center it

```
<html>
  <head>
    <title>Pick your own title</title>
  </head>
  <body>
    <h1>My First WebPage</h1>
    <hr width="50%" align="center">
    <p>Hello my name is <em><strong>name </strong></em> </p>
    <p>This is my first webpage!</p>
    <br>
    <br>
    <p><blockquote>and those are 2 line breaks</blockquote></p>
  </body>
</html>
```

# Images, Anchors and Links

- `<img>` is the image tag and it needs an attribute `src` to identify where to get it
- `<a>` is an anchor and can be used as a kind of index point in a document using `name` attribute
- `href` is an attribute of `<a>` that can be used to link to other pages or anchor names

```
<html>
```

```
..
```

```
    <body>
```

```
        <a name="top"><h1>My First WebPage</h1></a>
```

```
        <hr width="50%" align="center">
```

```
        <p>Hello my name is <em><strong>name </strong></em> </p>
```

```
        <p>This is my first webpage!</p>
```

```
        <br><br><br><br><br><br><br><br><br>
```

```
        <a href="http://www.google.ie"></a>
```

```
        <br><br><br><br><br><br><br><br><br>
```

```
        <p><blockquote>This is the bottom of the page</blockquote></p>
```

```
        <a href="#top">Go to Top of Page</a>
```

```
    </body>
```

```
</html>
```

# Lists and Tables

- There are two types of lists <ul> unordered list and <ol> ordered list
- <ol> has numbers and <ul> doesn't
- Tables are very important in html for formatting <table>
- A heading row is <th>, a regular row in a table is <tr> and a row cell is <td>

```
<html>
..
    <body>
...
        <table border="1" cellspacing="2">
            <tr>
                <td>
                    <ol>
                        <li>First</li>
                        <li>Second</li>
                        <li>Third</li>
                    </ol>
                </td>
                <td>
                    <ul>
                        <li>First</li>
                        <li>Second</li>
                        <li>Third</li>
                    </ul>
                </td>
            </tr>
        </table>
..
    </body>
</html>
```