

HTML 1: Basics

Example #1 – Basic Document

```
<!DOCTYPE html>
```

```
<strong>Feel free to change this text.</strong>
```

Exercise #1 : Basic Document

1. Show test 1.html file to class
2. Students recreate this in a Note Pad document - go ahead and change the text
3. Save it **on the Desktop** as: "test 1.html"
4. Open a browser
 - a. Firefox: File>Open File
 - b. Chrome: Right click on File> Open with > Chrome
 - c. IE: Right click on File> Open with > Internet Explorer

Document Components

Example #2: Document Components

```
<!DOCTYPE html>
```

```
<html>
```

Add your own text to the page.

```
</html>
```

Exercise #2: Document Components

1. Open a Note Pad document
 2. Add `<!DOCTYPE html>` on the first line. This tells the browser what language it's reading (in this case, HTML)
 3. Add `<html>` on the next line. This starts the HTML document
 4. Add `</html>` on the last line. This ends the HTML document
 5. Add whatever text you want between the HTML tags
 6. Save it **on the Desktop** as: "test 2.html"
 7. Open in your browser to review
-

Head & Body

Example #3: Head & Body

```
<!DOCTYPE html>
  <html>
    <head>
      <title>My Title</title>
    </head>

  </html>
```

Exercise #3: Head & Body

1. Open test 2.html in Notepad
2. Indent one tab
3. Add <head> </head>
4. Drop between <head> </head>
5. Add <title>Then a title here</title>
6. Click Save
7. Open it in a browser

Body & Paragraphs

Example #4: Paragraphs

```
<!DOCTYPE html>

<html>

    <head>

        <title>My Title</title>

    </head>

    <body>

        <p> </p>

        <p> </p>

    </body>

</html>
```

Exercise #4: Paragraphs

1. Open test 2.html in Notepad
2. Indent one tab
3. Add open and close tags for <body> </body>
4. Drop between <body> </body>
5. Add 3 <p></p> paragraph tags
6. Grab some text from a site like the CBC or Toronto Star website
7. Paste it between each of the <p> tags
8. Save the file
9. Open it in a browser

Elements of the Body

Headings

Exercise #5: Headings

```
<body>

    <h1>    </h1>

    <h2>    </h2>

    <h3>    </h3>

</body>
```

Exercise #5: Headings

1. Open test 2.html in Notepad
2. Indent one tab
3. After the body open tag, create the open and close tags <h1></h1>
4. Add <h2> and <h3> above the other paragraphs
5. Add some text between the tags
6. Save the file
7. Open it in a browser

Links – Short for “Hyperlink”

Example #6: Links

```
<a href="http://www.cbc.ca">News!</a>
```

Exercise #6: Links

1. Open your test file
2. After the <body> tag, create the open/close tags <a>
3. Add a link title “News!”
4. Add the href attribute inside the open tag <a href=
5. Add the url in quotations “http://www.cbc.ca”
6. Save the file
7. Open in a browser

Images

Example #7: Images

```
<!DOCTYPE html>
<html>
  <head>
    <title></title>
  </head>
  <body>
    <img src ="Image 1" />
    <img src ="Image 2" />
  </body>
</html>
```

Exercise #7: Images

1. Find an image on the web, right click and select: ***Save Image As***
2. Save it to the folder on the desktop
3. In your Note Pad document, add two image tags – you don't need to write anything between the quotations, but put the quotations in for now
4. Add the name of the image in the first quotations – with the file extension ie: jpg, png
5. Right click another image and select: ***Copy Image Location***
6. Add the web address of the image in the second quotations
7. Add a Save the file
8. Open in a browser

Link an Image

- First we open our <a> tag and point the href to <http://www.cbc.ca> again.
- But this time, instead of using text inside the <a> tag, we use an tag.
- Finally, we have our closing tag.
- Now when you click on the yellow duck, you will be taken to <http://www.codecademy.com>!
- Placing one HTML tag inside of another is called nesting.

Example #8: Linking an Image

```
<a href="http://www.cbc.ca/">  
    
</a>
```

Exercise #8: Linking an Image

1. Open your Note Pad document again
2. Put an open/close <a> tag around one of your image links
3. Pick a website – something easy
4. Add the href="and the url in quotations"
5. Save the file
6. Open in a browser
7. Click the links and see what happens

Review

This is sort of Web Page you're going to make in your review

HTML IS AWESOME!?



First Lesson is done.

Great Work!

Who wants a break?

HTML Foundation

Example #9: Review - Foundation

```
<!DOCTYPE html>

<html>

  <head>

    <title>My Title</title>

  </head>

    <body>

    </body>

</html>
```

Exercise #9: HTML Foundation

1. Open a new Note Pad file
2. The <!DOCTYPE> tag
3. Your <html> tags
4. Your <head> tags
5. <title> tags (with any title you like!) between your head tags
6. Your <body> tags

Header

`<h1> Header </h1>`

Exercise #9b: Review - Header

1. Create an `<h1>` tag inside your body tags.
2. Between your opening `<h1>` and closing `</h1>` tags

Paragraphs

`<p> Paragraph </p>`

Exercise #9c: Paragraph

1. Insert three `<p>` tags after your `<h1>` tag (but before your closing `</body>` tag!).
2. Write a little bit about yourself in each of the three paragraphs. You can say whatever you want!
It's your webpage

Images

``

Exercise: #9d: Image

1. Insert an `` tag between your `<body>` tags. Feel free to put it anywhere! (We think it'd look best after your `<h1>` tag, but before your `<p>` tags.) You can make the `src` attribute point to any image you like.

Link

```
<a href="http://www.cbc.ca/">  
      
</a>
```

Exercise #9e: Link

1. Add at least two links to your webpage. You can turn an image or a bit of text into a link; you can even turn part of the text inside your <p> tags into a link!
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Review – Final Code Sample

```
<!DOCTYPE html>  
<html>  
    <head>  
        <title>Review</title>  
    </head>  
    <body><h1>HTML IS AWESOME!</h1>  
  
    <a href="http://en.wikipedia.org/wiki/Black_cat">  
      
    </a>  
        <p>First Lesson is done.</p>  
        <p>Great Work!</p>  
        <p>Who wants a break?</p>  
  
    </body>  
</html>
```
