

“The Web Design Workshop” Decal – Spring 2014

Programming Handout 1

Required Tools: Text Editor (we recommend Coda 2 or Sublime Text), Browser (we recommend Chrome)

Goals:

1. Setting up a Front-End Developer Environment
2. Coding up the structure of a website (HTML) in your code editor

Here, we will set up a basic developer environment for you to create a website.

1 – Setting up an Environment

1. Create a folder named “*workspace*” (or any name you wish) anywhere you like (Desktop, Documents, etc.)
2. Inside the “*workspace*” folder, create a folder named “*assets*”
 - a. The “*assets*” folder will contain all the static files for your project. This includes CSS, JS, images, and videos.

2 – Coding a Website

1. Open your Text Editor (Sublime Text, Coda 2, Notepad, etc.)
2. Inside your Text Editor, type:

```
<html>
<head>
</head>
<body>
</body>
</html>
```

This is the basic structure of an HTML page. Remember, `<head></head>` tags contain information not displayed to the viewer, such as links to your styles and Javascript files, and `<body></body>` tags contain content rendered to the browser (what the viewer sees).

3. Inside your `<head></head>` tags, let’s create a title for our webpage. Call it “Hello World!”:

```
<html>
<head>
  <title>Hello World!</title>
</head>
<body>
</body>
```

```
</html>
```

Notice we indented the `<title></title>` tags! It is important to keep your HTML pages structured. Tags inside a tag should be indented for readability purposes.

4. Inside your `<body></body>` tags, let's create a header title and paragraphs:

```
<html>
<head>
    <title>Hello World!</title>
</head>
<body>
    <h1>Hello World!</h1>
    <p>Welcome to the Web Design Decal!</p>
    <p>Spring 2014</p>
</body>
</html>
```

5. You are almost there! Let's save the file as ***index.html*** into our "workspace" folder (wherever you decided to put this).
 - a. Remember the file extension *.html*! This tells the browser to render the text as meaningful HTML.
 - b. Typically, ***index.html*** will represent your *home* page – the default page, such as www.yahoo.com, www.msn.com, etc.
6. Now, go find your file on your computer. Double-click ***index.html*** and you should see your webpage on a browser!

Congratulations! Welcome to the world of web development. 😊

Hello World!

Welcome to the Web Design Decal!

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