



## WELCOME TO FRONT-END WEB DEVELOPMENT

Please sit next to a different classmate  
and write your name on your name tag.

Wi-fi: GA-Guest  
pw: yellowpencil

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# How to get a certificate

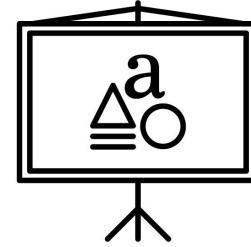


Complete 80% of the homework

**1**

**2**

Don't miss more than 3 classes



Complete and present a final project

**3**

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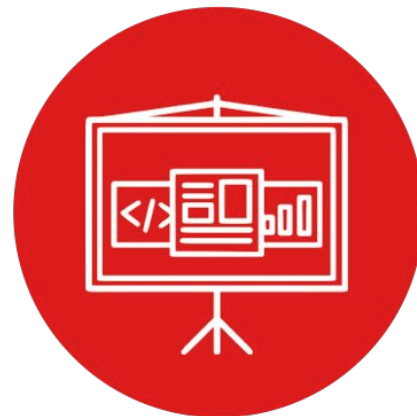
# Course dates

## Course dates:

- Tuesdays and Thursdays, 6:30pm - 9:30pm
- 03/30 to 06/06

## Substitute on:

- 04/18 and 04/20



# HTML

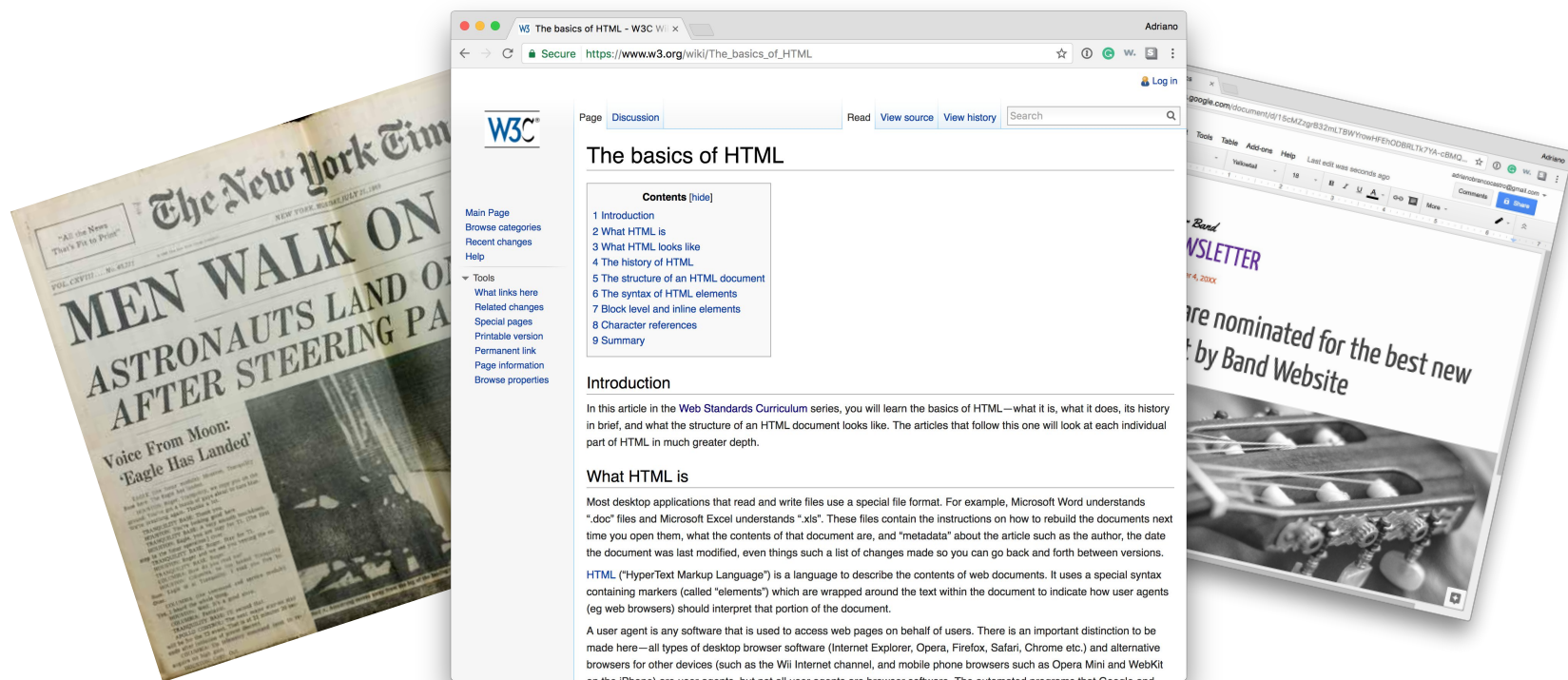


## **LESSON 01**

### **HTML BASICS**

### **RECAP**

# Content and structure are king



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Enter HTML...

HyperText **Markup** Language

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# HTML - The Markup Language for the Web

HTML is used for:

- Defining structure
- Giving meaning to content

```
1  <title>FEWD – Lesson 1 Recap</title>
2
3  <h1>HTML – The Markup Language for the Web</h1>
4
5  <p>HTML is used for:</p>
6
7  <ul>
8    <li>Defining Structure</li>
9    <li>Giving meaning to content</li>
10 </ul>
```

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# Semantics in HTML

Semantics means  
**giving content meaning and structure**  
by using the **correct HTML element**  
**regardless of style or appearance**

Good semantics improve:

- **accessibility**: help assistive technologies read and interpret your webpage
- **searchability** - help computers make sense of your content
- **interoperability** - help programmers better understand and maintain the structure of your webpage



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# A few semantic elements

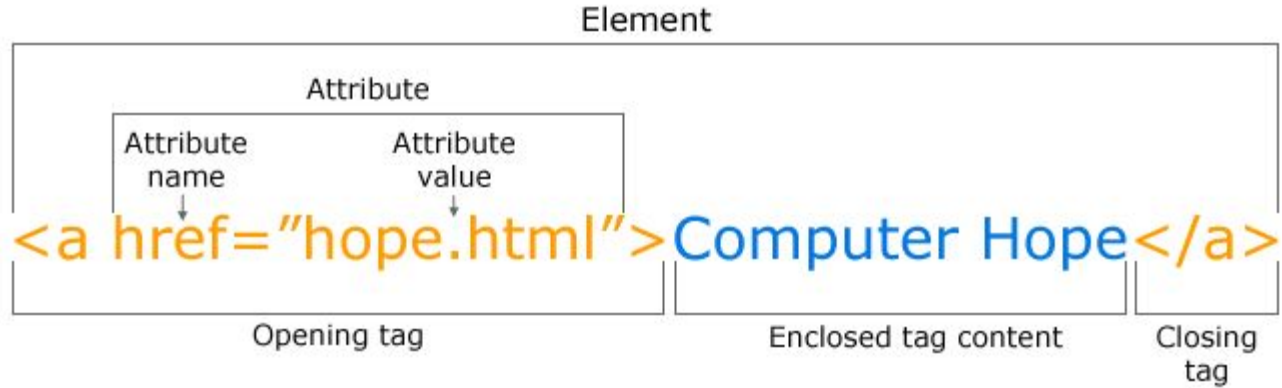
- `header`
- `footer`
- `nav`
- `section`
- `article`
- `h1...h6`
- `p`
- `a`
- `ul/ol - li`
- `blockquote`
- `img`
- `video`
- `audio`
- ...

## Interesting trivia

The HTML5 working group came up with semantics such as `header`, `footer`, `nav`, `section` after **Google analyzed 1 billion pages** to see what authors were using to describe their `div` and other elements

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# Breakdown of an HTML Tag



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# Breakdown of an HTML file

The basic HTML skeleton consists of:

- **DOCTYPE** tells the browser the code is HTML
- `<html>` wraps all the code for the page
- `<head>` includes metadata about the page like `<title>`, etc
- `<body>` holds all the content

```
1  <!DOCTYPE html>
2  <html>
3    <head>
4      <title>Title Goes Here</title>
5    </head>
6    <body>
7      <!-- Page Content Goes Here -->
8    </body>
9  </html>
```