Welcome to the course!

Web Development 1.0

Course Outline

> **Introduction to HTML**   Week 1 and 2

> **Introduction to CSS**   Week 3 and 4

> **HTML & CSS Together**   Week 5

> **Flexbox Grid**   Week 6

> **Tailwindcss**   Week 7 and 8

> **Responsive CSS**   Week 9

> **Vectors, Icons & Images**   Week 10

> **A little jQuery**   Week 11

> **AOS Animations**   Week 12

> **Owl Carousels**   Week 13

> **Firebase**   Week 14

> **Final Project**   Week 15 and 16

> **upwork**   Week 17 or 18

Introduction to HTML

> ELements and Structure

> Tables

> Forms

> Semantic HTML Tags

https://www.codecademy.com/learn/learn-html

```html
<!DOCTYPE>
<html>

<head>
<title> Demo </title>
</head>

<body>
<p> this is first demo of html structure </p>
</body>

</html>
```

Syntax:
`<TagName> Content </TagName>`

Example:
`<p> This is a paragraph </p>`

Opening tag

Contents

Closing Tag

Attribute

Attribute

`<a class="main-heading" id="title">Contact Us</a>`

Name

Value

Name Value

Element name

Text

Element name

Element

<p class="important">This is a paragraph</p>

Start tag   Attribute   Value   Content   End tag
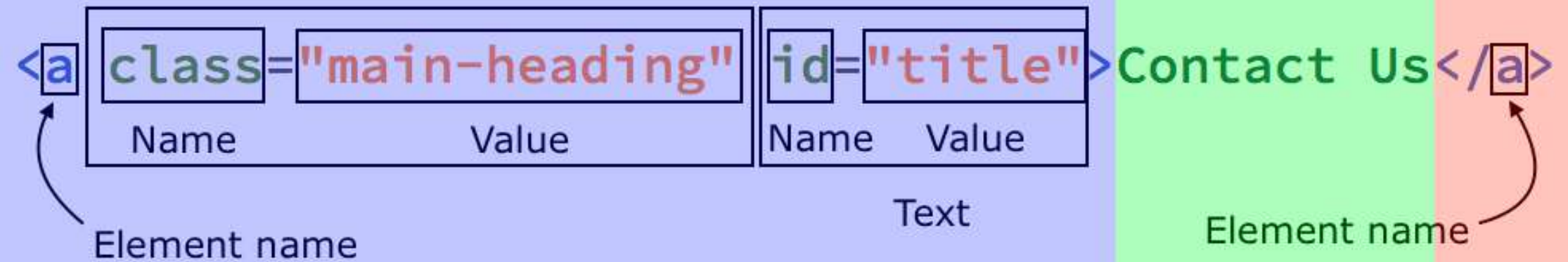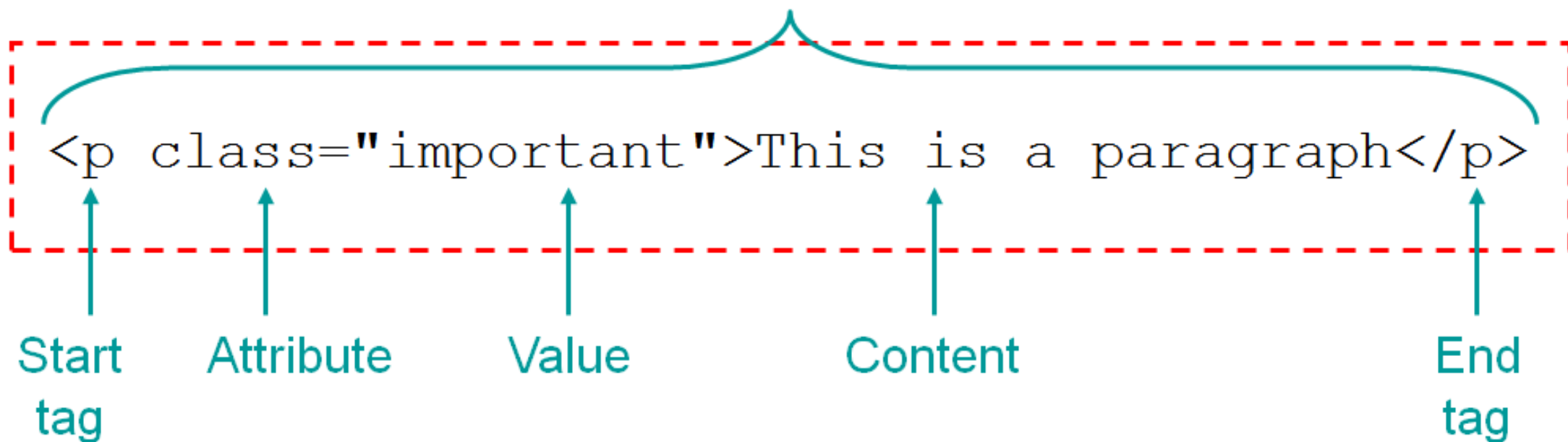
Tag	Description
<html> ... </html>	Declares the Web page to be written in HTML
<head> ... </head>	Delimits the page's head
<title> ... </title>	Defines the title (not displayed on the page)
<body> ... </body>	Delimits the page's body
<h n> ... </hn>	Delimits a level n heading
 ... 	Set ... in boldface
<i> ... </i>	Set ... in italics
<center> ... </center>	Center ... on the page horizontally
...	Brackets an unordered (bulleted) list
...	Brackets a numbered list
...	Brackets an item in an ordered or numbered list
 	Forces a line break here
<p>	Starts a paragraph
<hr>	Inserts a horizontal rule
<img src="...">	Displays an image here
 ... 	Defines a hyperlink

Form Tag

HTML forms are used to collect some data from the site visitor.
The HTML <form>…..</form> tag is used to create an HTML form

<input>
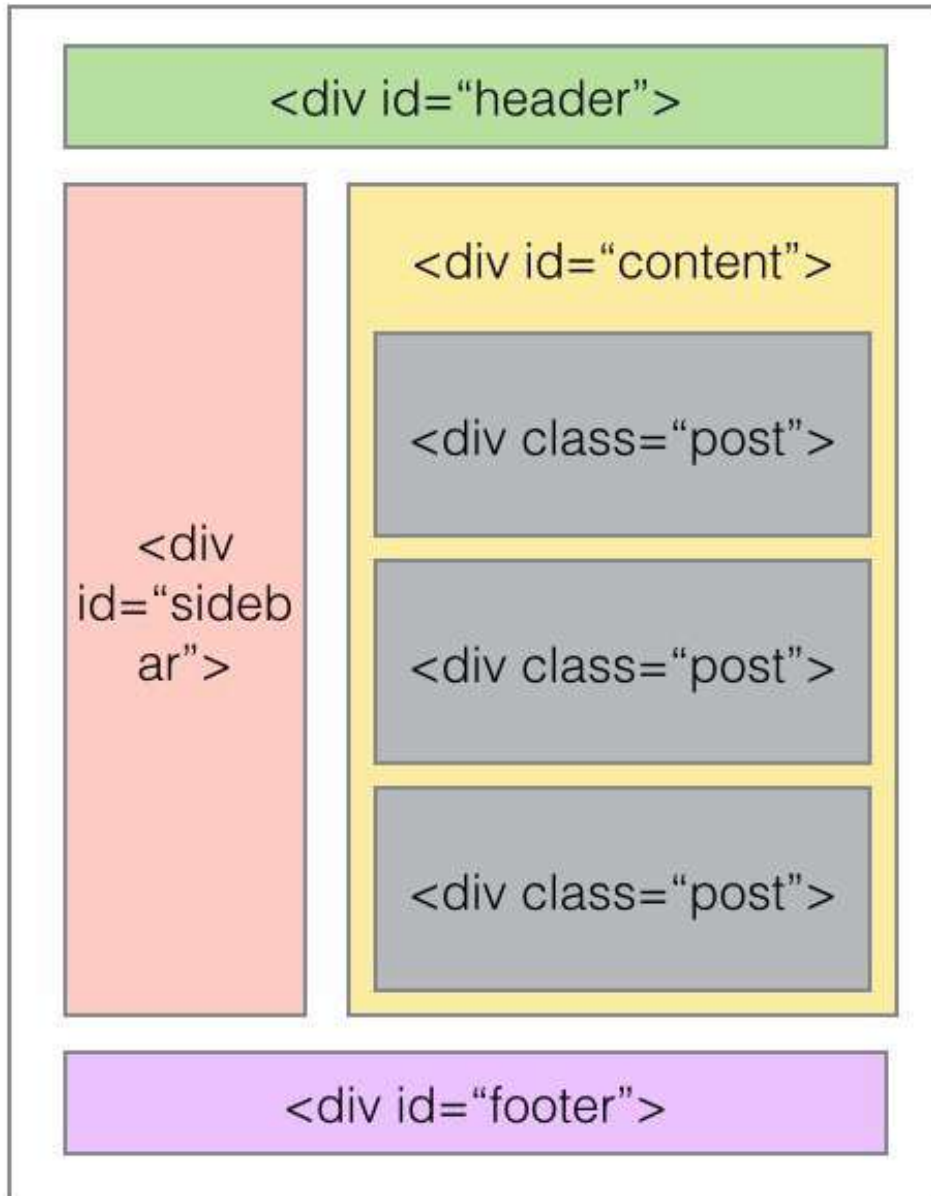<textarea>
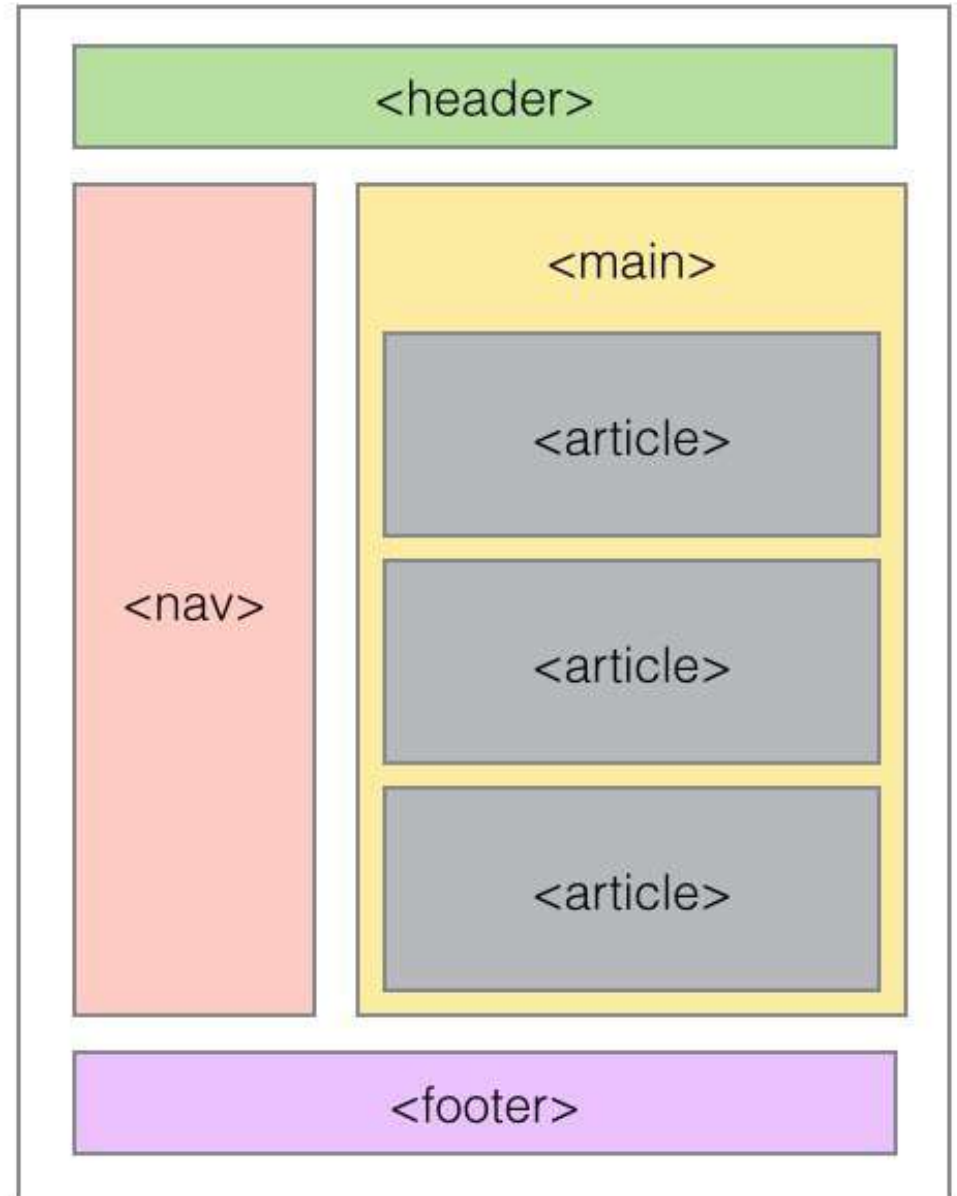<button>
<select>
<option>
<optgroup>
<fieldset>
<label>

HTML4 vs HTML5 Page Structure on a Blog

HTML4: Lots of Classes/IDs

- `<div id="header">`
  - `<div id="sidebar">`
  - `<div id="content">`
    - `<div class="post">`
    - `<div class="post">`
    - `<div class="post">`
- `<div id="footer">`

HTML5: Semantic Tags/Sections

- `<header>`
  - `<nav>`
  - `<main>`
    - `<article>`
    - `<article>`
    - `<article>`
- `<footer>`

```html
<!DOCTYPE html>
<html>
    <head>
        <title> Wikitechy video tag </title>
    </head>
    <body>
        <h2>HTML video tag with example</h2>
        <video width="320" height="240" controls>
            <source src="hibiscus.mp4" type="video/mp4">
        </video>
    </body>
</html>
```

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