Setting up the Page Structure

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Overview

Understanding HTML

Creating the HTML page structure

Understanding HTML

HTML is used to create the structure of a webpage

```
<h1>Welcome to Bethany's Pie Shop</h1>
```

```
<p>Our cheese cake is the best!</p>
```

```
<img src="cheesecake.jpg"
  width="500" height="300" />
```

```
<a href="details.html">Read more</a>
```

Welcome to Bethany's Pie Shop

Our cheese cake is the best!

Read more

HTML code is markup code

HTML: HyperText Markup Language

.htm or .html file

Just text

“Latest” version is HTML5

- Revisions

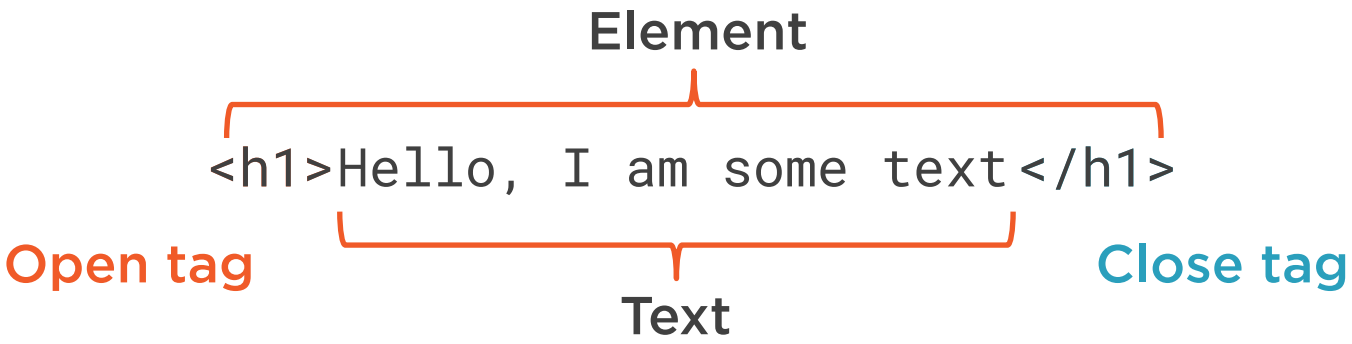
Foundations of Each HTML Page

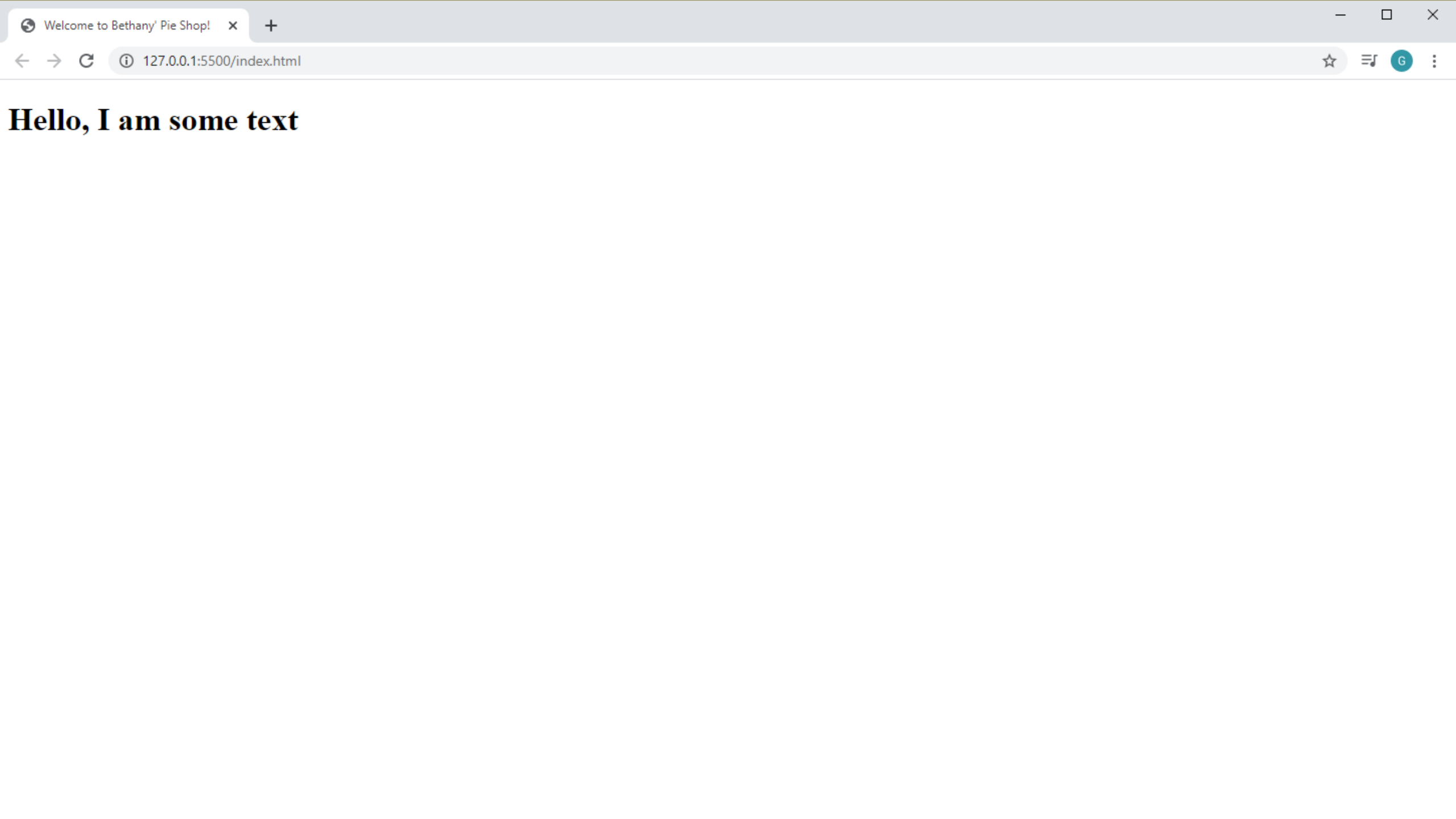
Elements

Tags

Text

Elements in HTML




Welcome to Bethany' Pie Shop!
127.0.0.1:5500/index.html
Hello, I am some text

Using angle brackets

Tags are surrounded with < and >

Closing tag uses / : </h1>

Nesting Elements

```
<div>
   <h1>Browse our pies</h1>
</div>
```

More Nesting

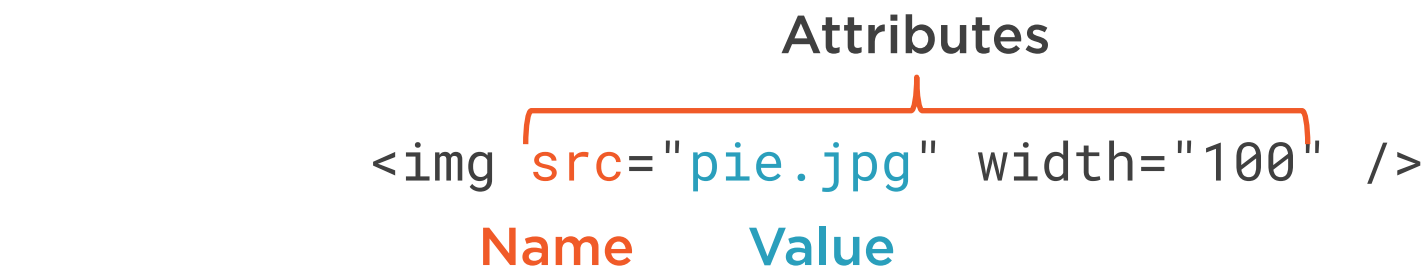
```
<aside>
  <header>
    <h1>Browse our pies</h1>
  </header>
</aside>
```

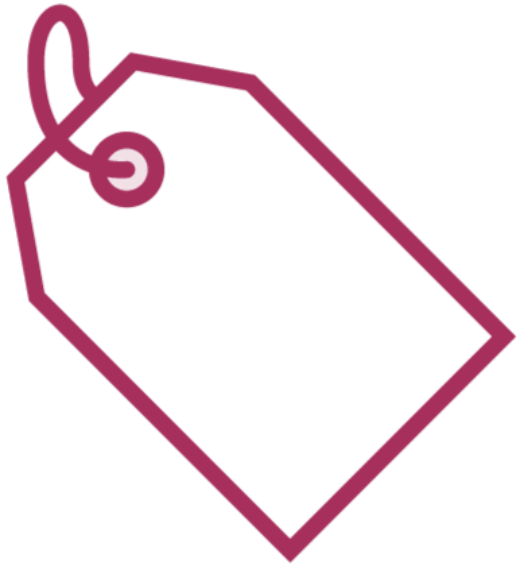
Casing in HTML

Typically all lower case

Case-insensitive

Adding Attributes





Attributes

- Zero or more
- Added in the opening tag
- Spaces to separate them
- No space between name and value
- Case-insensitive

Let’s start
writing HTML!

Creating the HTML Page Structure

DOCTYPE

Used for specifying the type of the document

index.html

```
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="utf-8">
    <title>Welcome to Bethany's Pie Shop!</title>
</head>
<body>
    ...
</body>
</html>
```

html

Contains all the code of the page

index.html

```
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="utf-8">
    <title>Welcome to Bethany’s Pie Shop!</title>
</head>
<body>
    ...
</body>
</html>
```

head

Contains information about the page

index.html

```
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="utf-8">
    <title>Welcome to Bethany’s Pie Shop!</title>
</head>
<body>
    ...
</body>
</html>
```

meta

Several pieces of information of the page

index.html

```
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="utf-8">
    <title>Welcome to Bethany’s Pie Shop!</title>
</head>
<body>
    ...
</body>
</html>
```

title

Displayed in browser window

index.html

```
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="utf-8">
    <title>Welcome to Bethany’s Pie Shop!</title>
</head>
<body>
    ...
</body>
</html>
```

Bethany's Pie Shop

Browse our pies

- All pies
- Cheese cakes
- Fruit pies
- Seasonal pies
- Promotions

Search our store

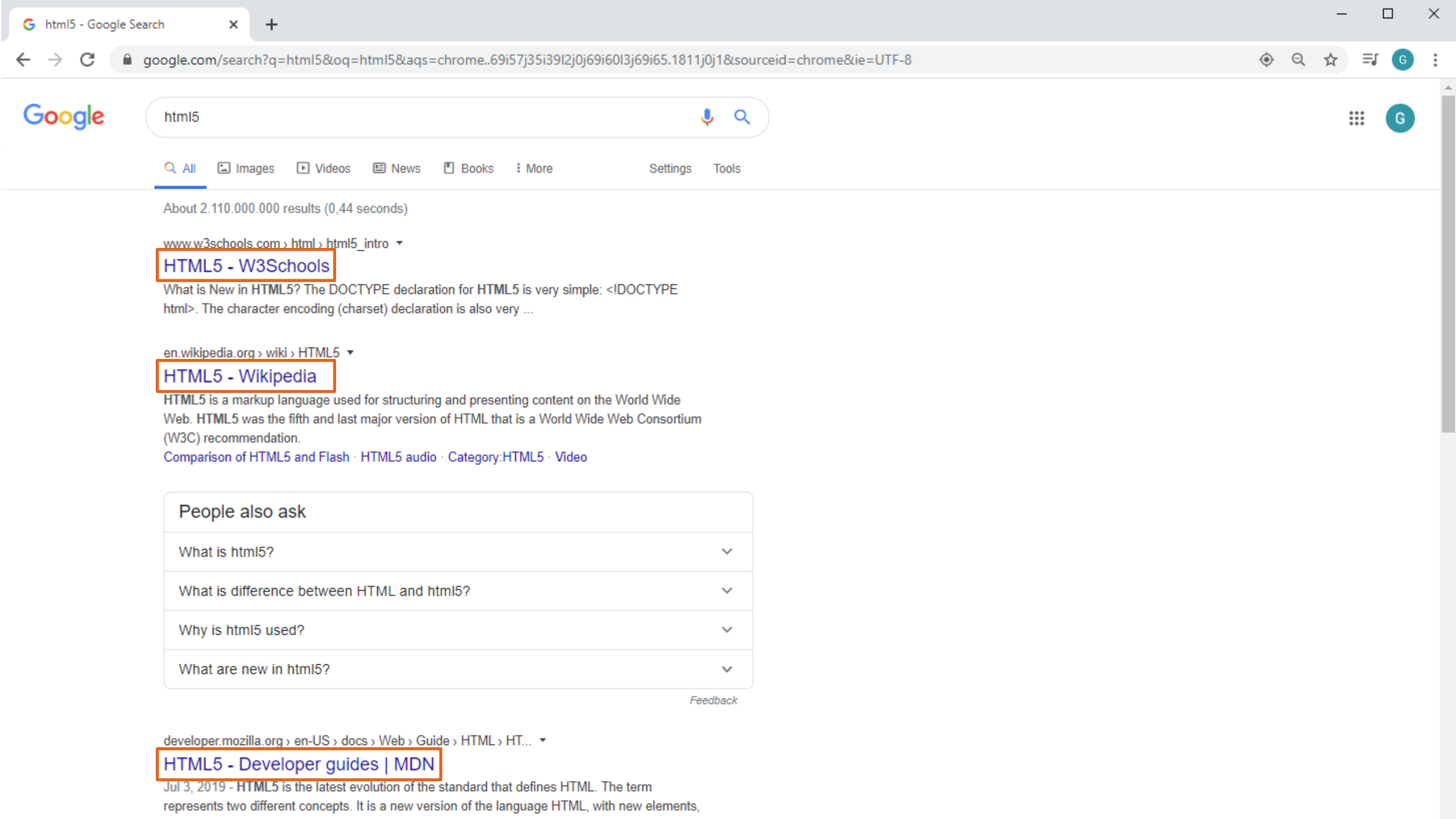
Welcome to Bethany's Pie Shop

Bethany in her pie shop

Our history

For many years, **Bethany** has been baking the most delicious pies at her home. In 2013, we opened our first store in Brussels (Belgium) in a cosy little street near the Grand Market. People from all over the world fell in love with the soft cakes, heavenly cheese cakes, spicy apple pies... *The store became a success in no time.*

In 2015, no less than 100 pies were sold every day and Bethany's Pie Shop moved into a larger building. After receiving many requests, it became clear that our next step was making it possible to order pies from the comfort of your own home and from anywhere in the world. You are now


html5 - Google Search
google.com/search?q=html5&oq=html5&aqs=chrome..69i57j35i39l2j0j69i60l3j69i65.1811j0j1&sourceid=chrome&ie=UTF-8
Google
html5
All
Images
Videos
News
Books
More
Settings
Tools
About 2.110.000.000 results (0,44 seconds)
www.w3schools.com › html › html5_intro
HTML5 - W3Schools
What is New in HTML5? The DOCTYPE declaration for HTML5 is very simple: <!DOCTYPE html>. The character encoding (charset) declaration is also very ...
en.wikipedia.org › wiki › HTML5
HTML5 - Wikipedia
HTML5 is a markup language used for structuring and presenting content on the World Wide Web. HTML5 was the fifth and last major version of HTML that is a World Wide Web Consortium (W3C) recommendation.
Comparison of HTML5 and Flash · HTML5 audio · Category:HTML5 · Video
People also ask
What is html5?
What is difference between HTML and html5?
Why is html5 used?
What are new in html5?
Feedback
developer.mozilla.org › en-US › docs › Web › Guide › HTML › HT...
HTML5 - Developer guides | MDN
Jul 3, 2019 - HTML5 is the latest evolution of the standard that defines HTML. The term represents two different concepts. It is a new version of the language HTML, with new elements,

title

Displayed in browser window

index.html

```
<!DOCTYPE html>
<html lang="en">
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</head>
<body>
    ...
</body>
</html>
```

Typical <head> Elements

<title>

<meta>

<link>

<style>

<script>

body

Contains all markup code for the entire page

index.html

```
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="utf-8">
    <title>Welcome to Bethany's Pie Shop!</title>
</head>
<body>
    ...
</body>
</html>
```

Demo

Creating the page skeleton

Summary

HTML is a markup language

Elements and tags are building blocks

Every page is based on same structure

Up next:

Working with text in HTML