

**NXT
WAVE**

WELCOME





CCBP 4.0
21st Century Skills

Introduction to CSS

Recap

Introduction to HTML

✓ HTML Element <tag> Content </tag>

- In place of Content, we can place other HTML Element(s), and so on

✓ HTML Elements

- Main Heading <h1>
- Paragraph <p>
- Button <button>



Compatibility

< 1% of you may face an issue

99%+ of you won't face any issues

If at all you face an issue, it will be because of **device** and **software compatibility**

Be up to date with software versions



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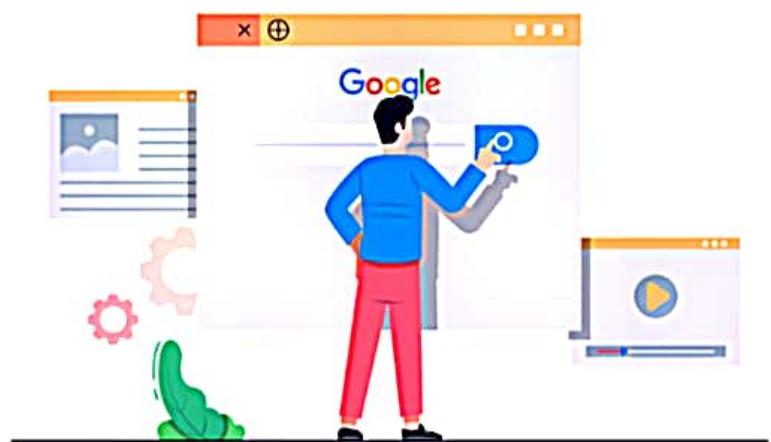


Compatibility

Google Chrome is Must

~ 86.9 %

Browser Market Share in India

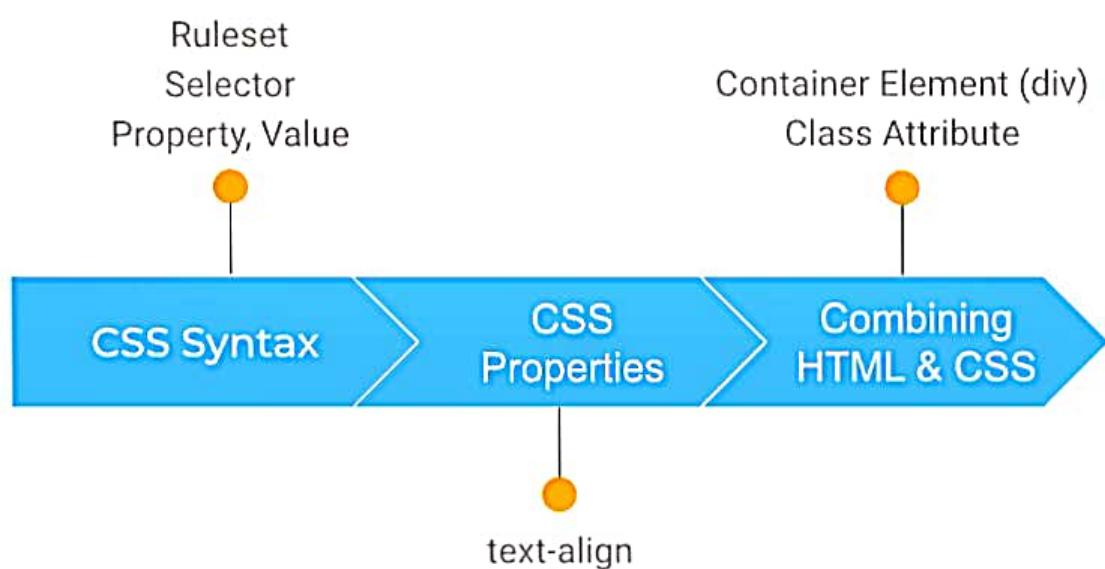


Source: [gs.statcounter](https://gs.statcounter.com)

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Agenda

Introduction to CSS





How to Center the Heading, Paragraph, & Button Elements Horizontally?

Tourism

Plan your trip wherever you want to go

Get Started



Tourism

Plan your trip wherever you want to go

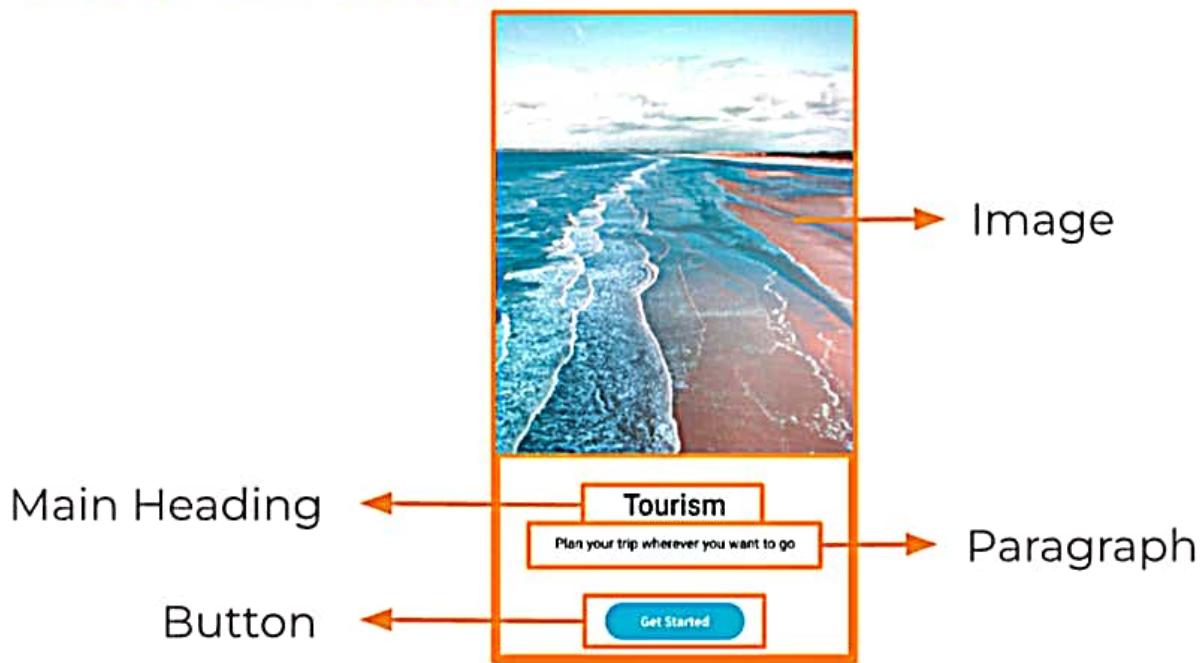
Get Started



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Example - Tourism Website

Parts of The Section



Syntax

CSS - Cascading Style Sheets

A CSS File will be created.

It is a list of RuleSets.

Each Ruleset looks like:

Ruleset {
 selector {
 property1: **value1**;
 property2: **value2**;
 }
}

Syntax

Selector - Name

First, decide a **suitable name** for the selector and use it

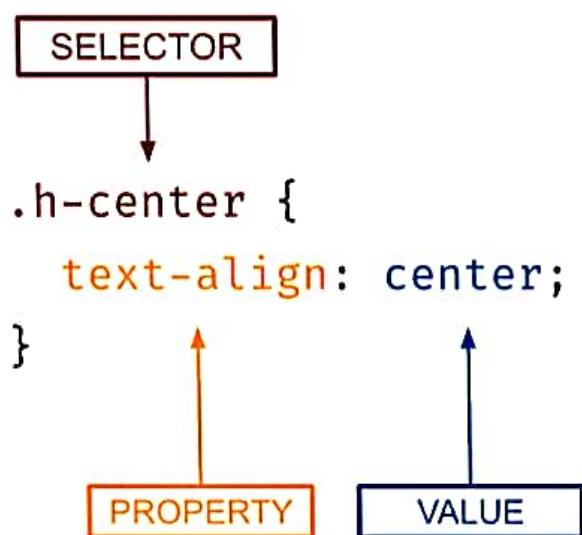
Ex: h-center

- horizontal-center
- horizontal
- center
- horizontal_center
- HorizontalCenter, etc.



Syntax

CSS Ruleset - To Center Elements



Syntax

Combining HTML & CSS

HTML

```
<body>
  <h1>Tourism</h1>
  ...
</body>
```

CSS

```
.h-center {
  text-align: center;
}
```

With the help of Attribute,
we can combine HTML and CSS



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HTML

Attribute

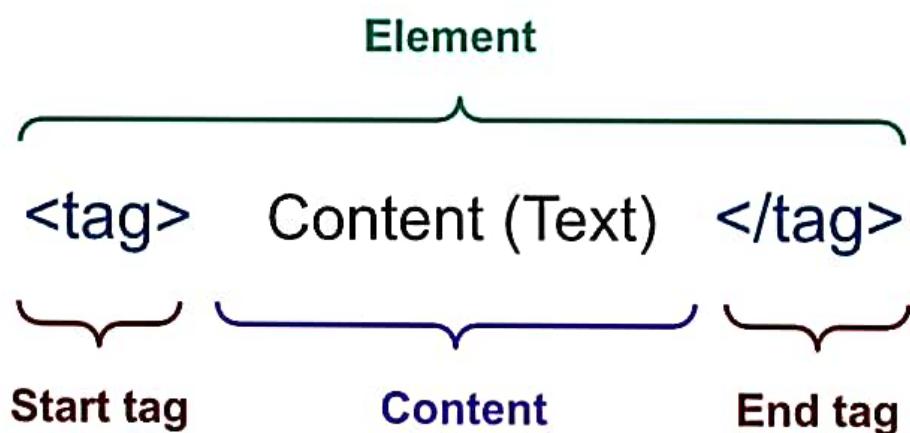
Attributes provide
additional information about
the HTML element

Ex: Color, Text Size, Shape,
Underlines, etc.



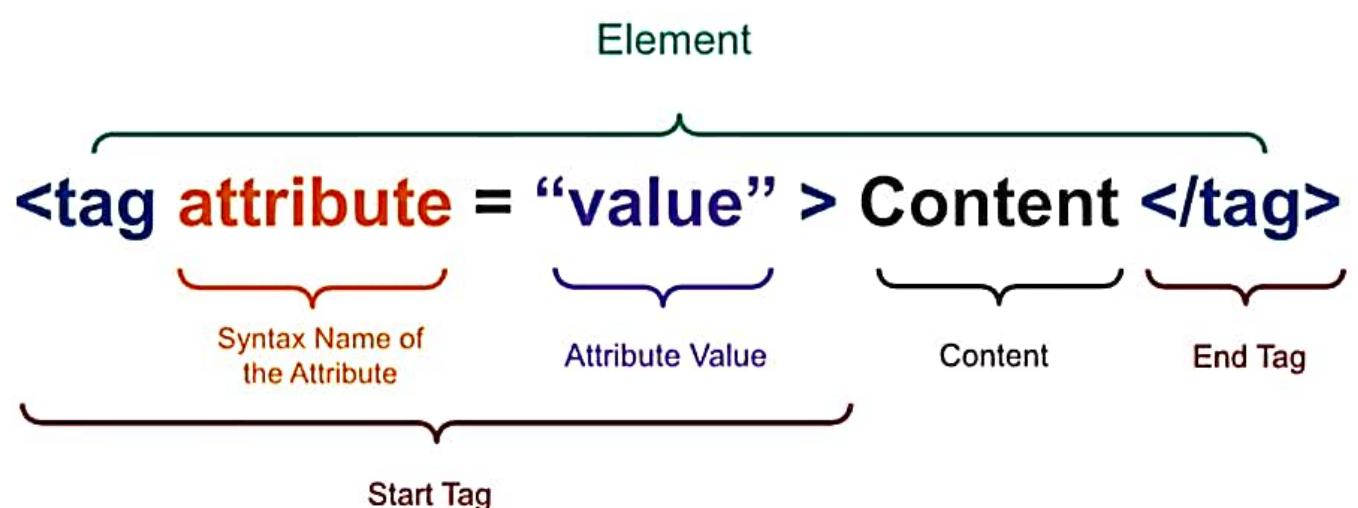
Syntax

HTML Element



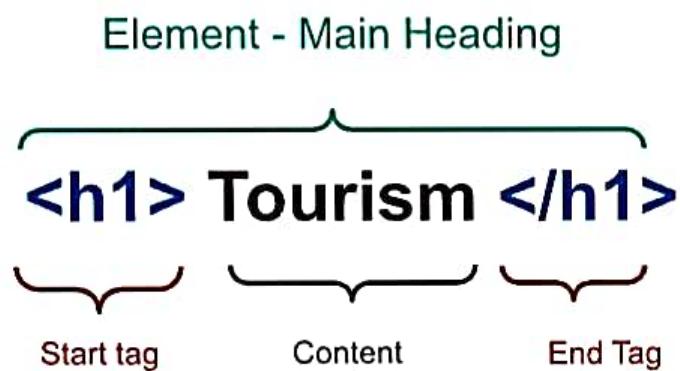
Syntax

HTML Attribute



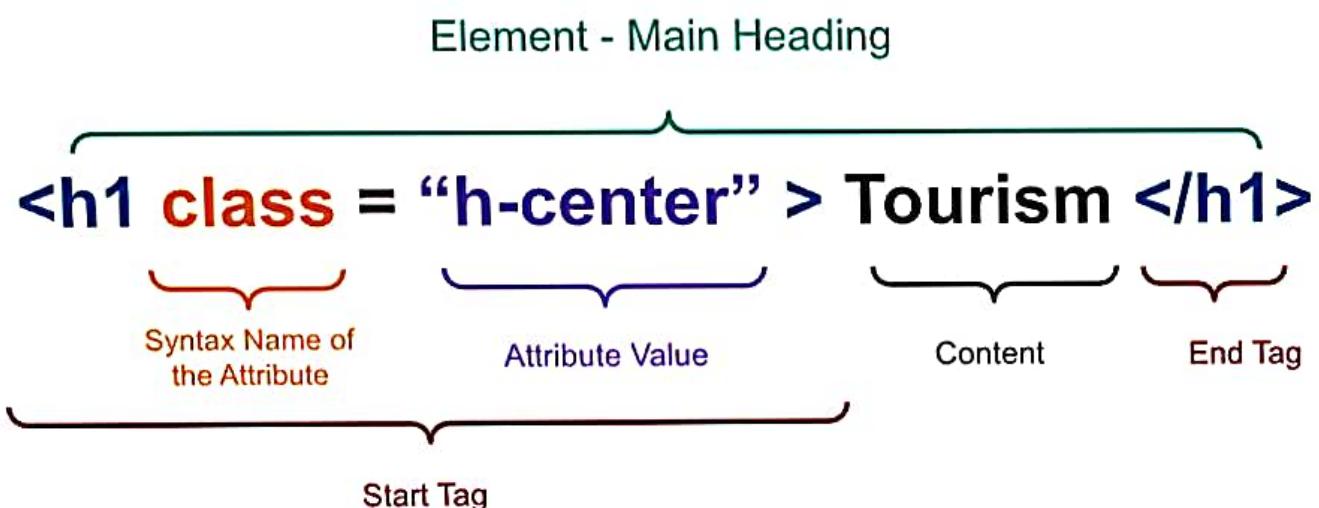
Syntax

Attribute - In Each Element



Syntax

Class Attribute - In Each Element



Adjusting the Style

All The Elements At Once

Main Heading,
Paragraph & Button
- All at Once!

HTML

```
<body>
  <h1>Tourism</h1>
  <p>
    Plan your trip wherever
    you want to go
  </p>
  <button>Get Started</button>
</body>
```

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Definition

Wrapping

Grouping all the required elements at one place

HTML

```
<body>
  <h1>Tourism</h1>
  <p>
    Plan your trip wherever
    you want to go
  </p>
  <button>Get Started</button>
</body>
```

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Definition

Container

To wrap all the required elements at one place, we use container element

HTML

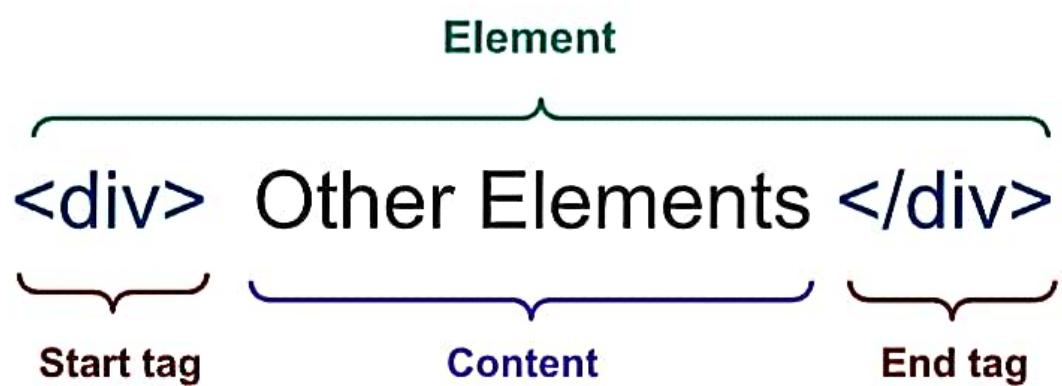
```
<body>
  <h1>Tourism</h1>
  <p>
    Plan your trip wherever
    you want to go
  </p>
  <button>Get Started</button>
</body>
```

Real World Example Container



Syntax

Container Element - div



HTML Element

Adding Div

HTML

```
<body>
  <div>

    <h1>Tourism</h1>
    <p>
      Plan your trip wherever
      you want to go
    </p>
    <button>Get Started</button>
  </div>
</body>
```

Tourism

Plan your trip wherever you want to go

Get Started

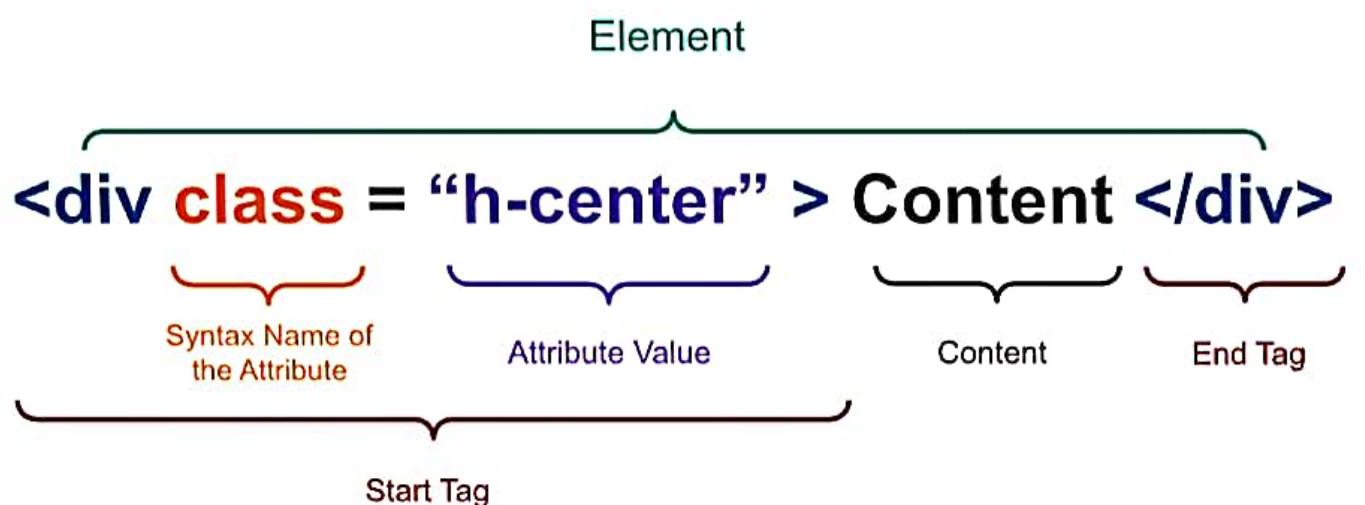
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Let's use CSS
to Center the Elements
in the Container Horizontally



Syntax - Class Attribute

For All The Elements in The Container



HTML Element

Adding Div

HTML

```
<body>
  <div>
    <h1>Tourism</h1>
    <p>
      Plan your trip wherever
      you want to go
    </p>
    <button>Get Started</button>
  </div>
</body>
```

Standard Practices
**Indent

Tourism

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HTML Element

Adding Div

HTML

```
<body>
  <div>
    <h1>Tourism</h1>
    <p>
      Plan your trip wherever
      you want to go
    </p>
    <button>Get Started</button>
  </div>
</body>
```

Standard Practices
**Indent

Tourism

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Alignment

Horizontal Center

HTML

```
<body>
  <div class="h-center">
    <h1>Tourism</h1>
    <p>
      Plan your trip wherever
      you want to go
    </p>
    <button>Get Started</button>
  </div>
</body>
```

* Refer

Tourism

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Get Started

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Introduction to CSS

Key Takeaways

- ✓ CSS Syntax
 - Ruleset
 - Selector
 - Property
 - Value
- ✓ Container Element (div)
- ✓ Combining HTML & CSS
 - Class Attribute





Next Session

Introduction to CSS (...Continued)

Working with Fonts, Font Sizes,
Text Color, Background Color





THANK YOU
