



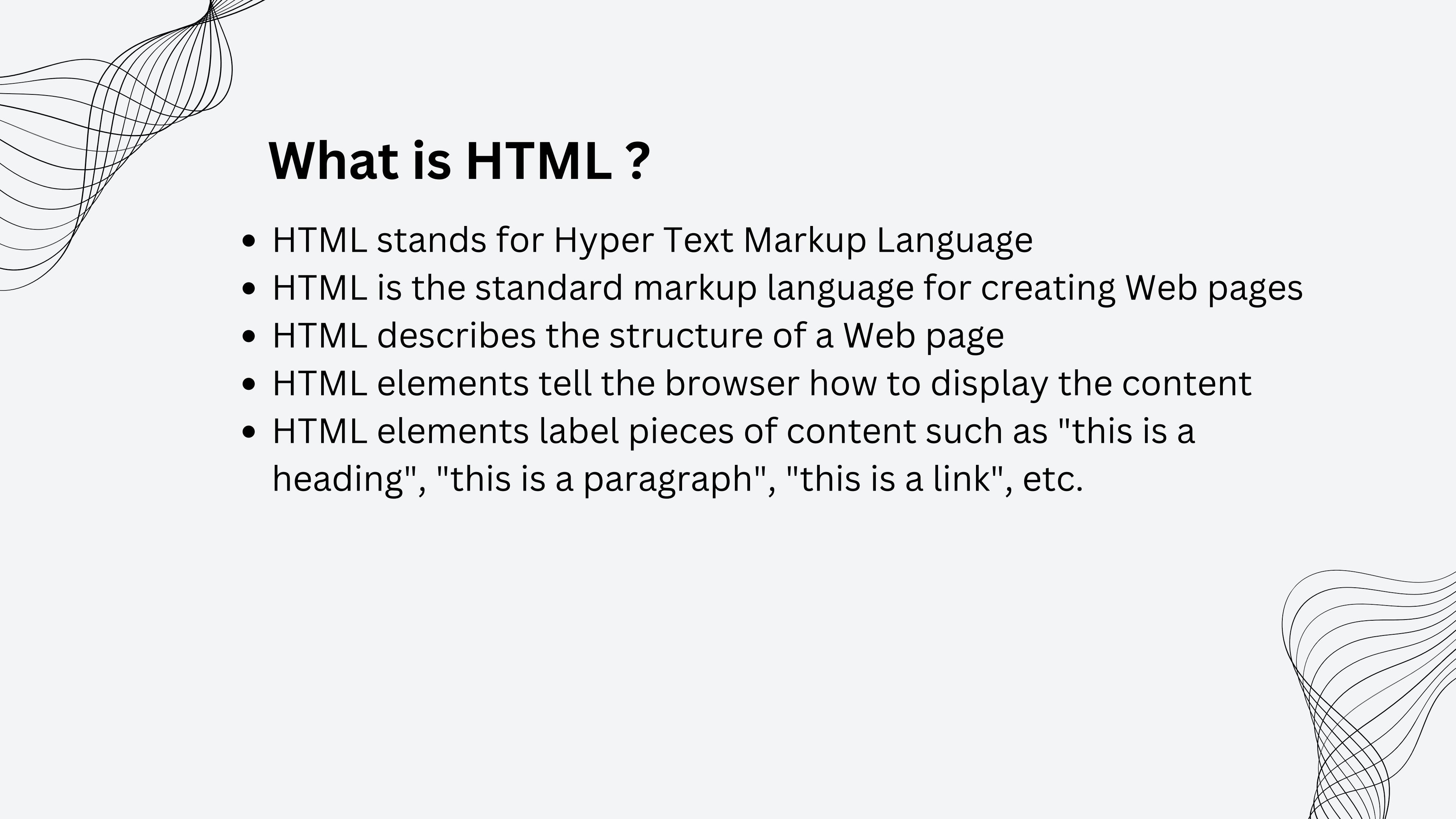
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# **H T M L**

## **HYPER TEXT MARKUP LANGUAGE**



# What is HTML ?

- HTML stands for Hyper Text Markup Language
- HTML is the standard markup language for creating Web pages
- HTML describes the structure of a Web page
- HTML elements tell the browser how to display the content
- HTML elements label pieces of content such as "this is a heading", "this is a paragraph", "this is a link", etc.

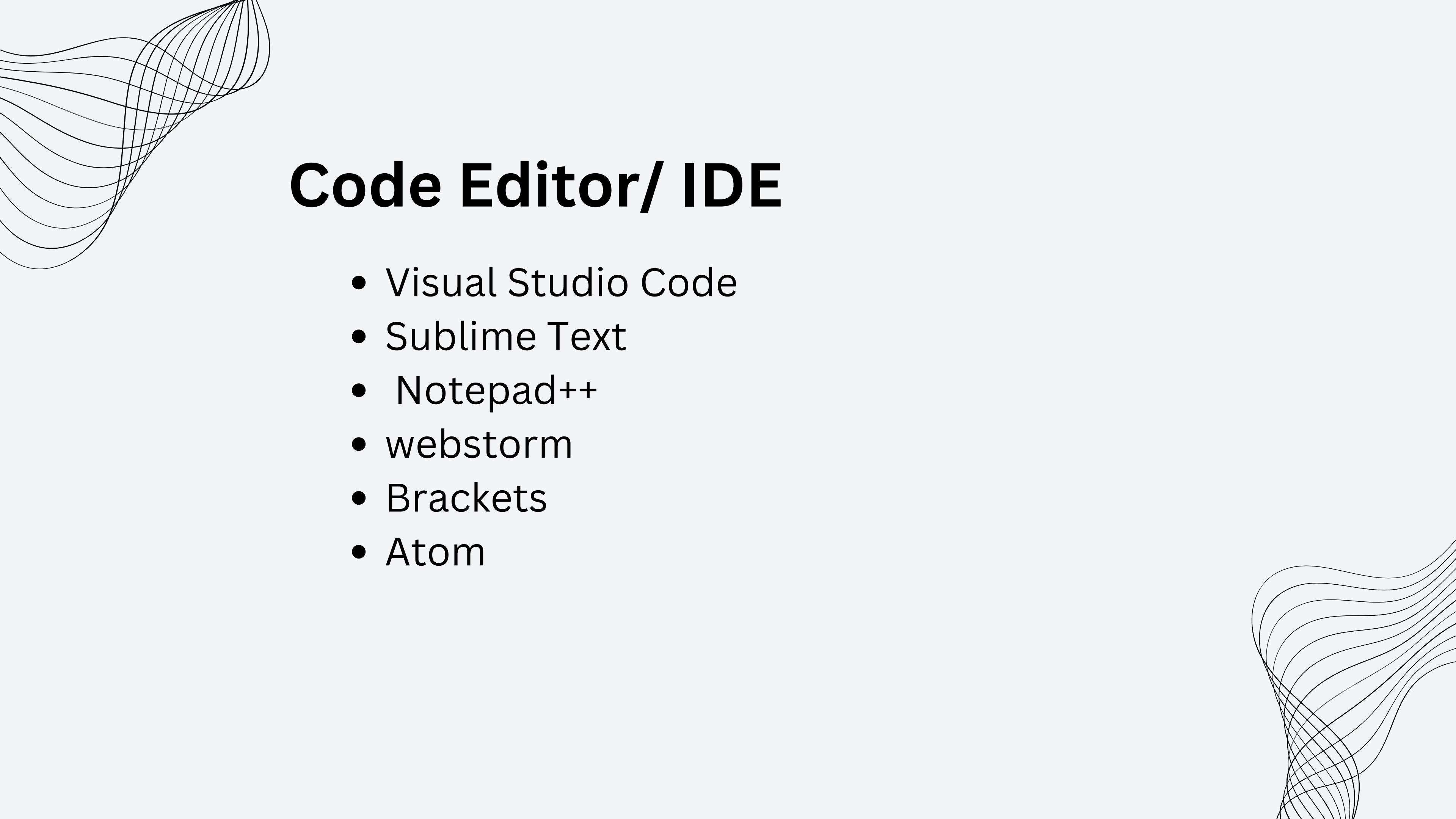
# HTML History

Since the early days of the World Wide Web, there have been many versions of HTML:

Year	Version
1989	Tim Berners-Lee invented www
1991	Tim Berners-Lee invented HTML
1993	Dave Raggett drafted HTML+
1995	HTML Working Group defined HTML 2.0
1997	W3C Recommendation: HTML 3.2
1999	W3C Recommendation: HTML 4.01
2000	W3C Recommendation: XHTML 1.0
2008	WHATWG HTML5 First Public Draft
2012	<a href="#"><u>WHATWG HTML5 Living Standard</u></a>
2014	<a href="#"><u>W3C Recommendation: HTML5</u></a>
2016	W3C Candidate Recommendation: HTML 5.1
2017	<a href="#"><u>W3C Recommendation: HTML5.1 2nd Edition</u></a>
2017	<a href="#"><u>W3C Recommendation: HTML5.2</u></a>

# Software Requirement

- Code Editor/IDE
- Browser



# **Code Editor/ IDE**

- Visual Studio Code
- Sublime Text
- Notepad++
- webstorm
- Brackets
- Atom

# Browser

- Google Chrome
- Mozilla Firefox
- Safari Web Browser
- Microsoft Edge
- Opera
- Brave

# Basic Syntax

<>

<Tag name>

</Tag name>

<Tagname> Content goes here... </Tagname>

# Basic Syntax

HTML Element

```
<Tagname> Content goes here... </Tagname>
```

The HTML element is everything from the start tag to the end tag:

```
<h1>My First Heading</h1>  
<p>My first paragraph.</p>
```

Note: Some HTML elements have no content (like the `<br>` element). These elements are called empty elements. Empty elements do not have an end tag!

# Basic Syntax

```
<!DOCTYPE html>  
  
<html>  
  <head>  
    <title>Page Title</title>  
  </head>  
  <body>  
    <h1>My First Heading</h1>  
    <p>My first paragraph.</p>  
  </body>  
</html>
```

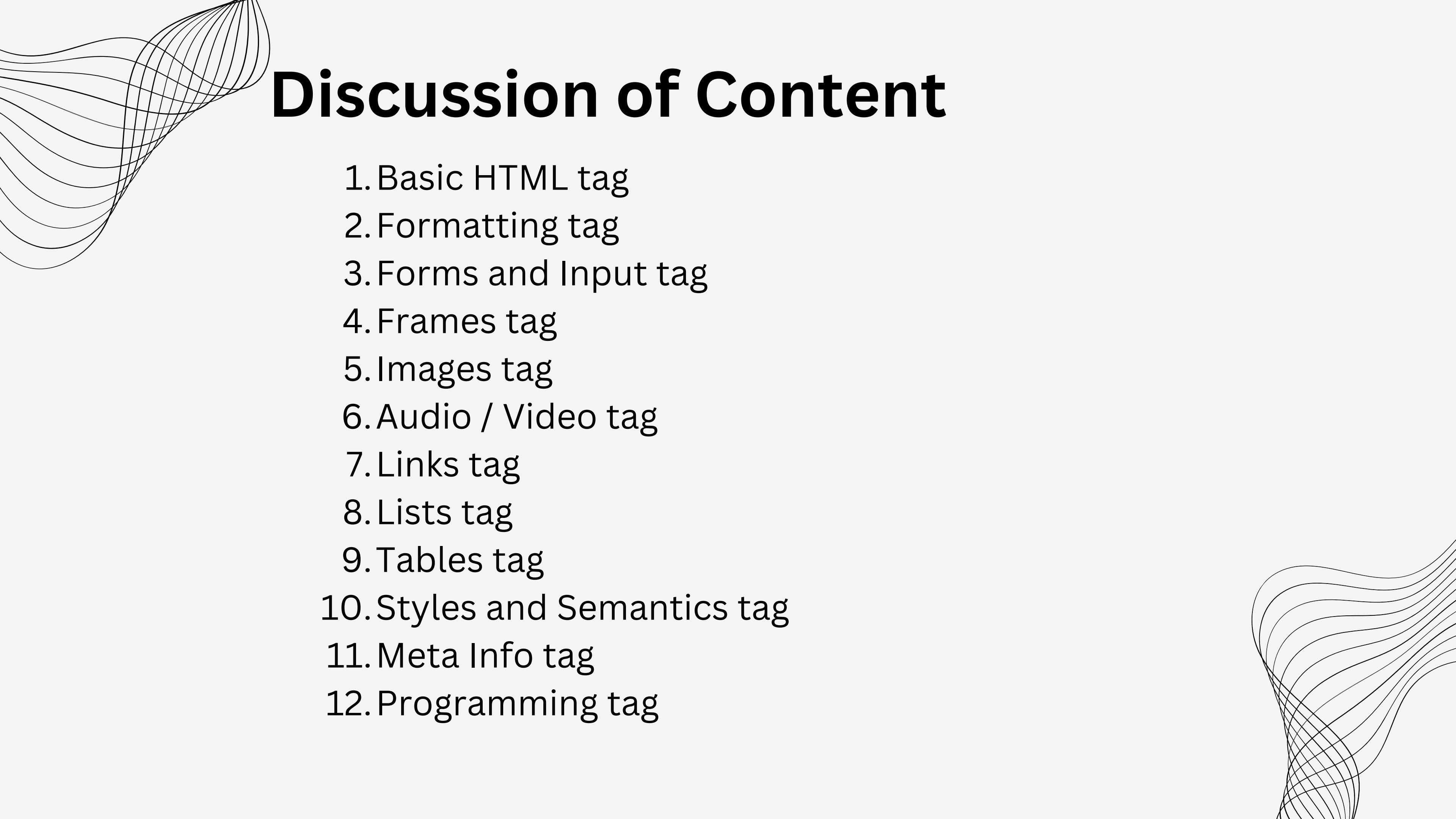
- The `<!DOCTYPE html>` declaration defines that this document is an HTML5 document
- The `<html>` element is the root element of an HTML page
- The `<head>` element contains meta information about the HTML page
- The `<title>` element specifies a title for the HTML page (which is shown in the browser's title bar or in the page's tab)
- The `<body>` element defines the document's body, and is a container for all the visible contents, such as headings, paragraphs, images, hyperlinks, tables, lists, etc.
- The `<h1>` element defines a large heading
- The `<p>` element defines a paragraph

# Basic code in html

```
<!DOCTYPE html>
<html>
  <head>
    <title>Page Title</title>
  </head>
  <body>
    <h1>My First Heading</h1>
    <p>My first paragraph.</p>
  </body>
</html>
```

# File Extension

- index.html
- about.html
- contact.html
- blog.html
- product.html
- service.html



# Discussion of Content

1. Basic HTML tag
2. Formatting tag
3. Forms and Input tag
4. Frames tag
5. Images tag
6. Audio / Video tag
7. Links tag
8. Lists tag
9. Tables tag
10. Styles and Semantics tag
11. Meta Info tag
12. Programming tag

# Type of Attributes

- Global Attributes

```
class accesskey contenteditable dir id  
hidden style title
```

- Tag specific Attributes

# Type of Elements

- Block-level Elements

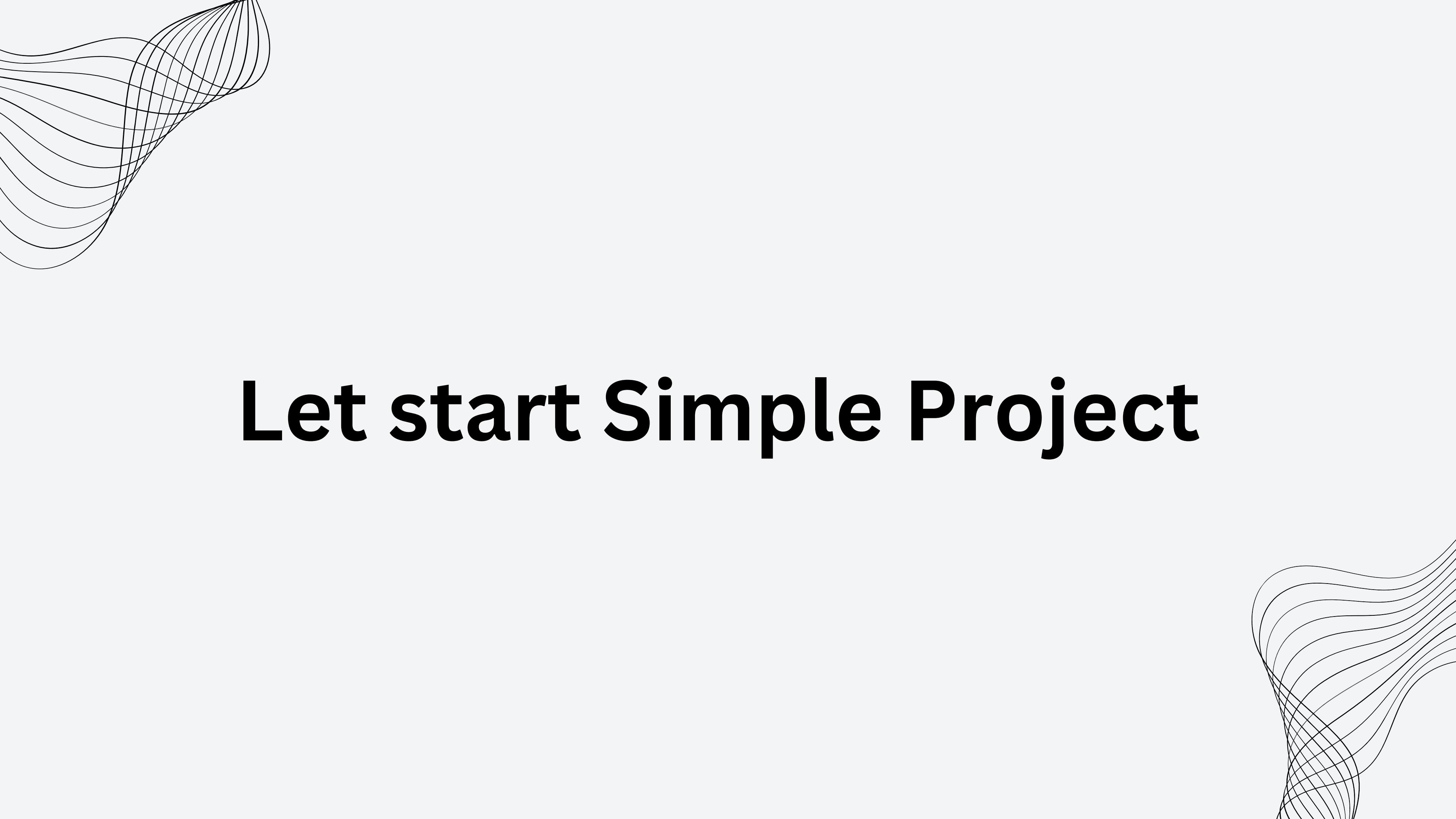
Here are the block-level elements in HTML:

```
<address>    <article>    <aside>    <blockquote>  <canvas>    <dd>        <div>        <dl>        <dt>        <fieldset>
<figcaption> <figure>     <footer>    <form>       <h1>-<h6>  <header>    <hr>        <li>        <main>      <nav>
<noscript>   <ol>         <p>         <pre>        <section>   <table>    <tfoot>    <ul>        <video>
```

- Inline Elements

Here are the inline elements in HTML:

```
<a>          <abbr>        <acronym>    <b>          <bdo>        <big>        <br>        <button>    <cite>        <code>
<dfn>        <em>          <i>          <img>        <input>      <kbd>        <label>      <map>        <object>    <output>
<q>          <samp>        <script>    <select>    <small>      <span>        <strong>    <sub>        <sup>        <textarea>
<time>       <tt>          <var>
```



# **Let start Simple Project**



# Html



# Html + Css



# Html + Css + JavaScript