

HTML Basics:-

HTML (HyperText Markup Language) is the standard markup language for creating web pages. It uses "tags" to structure content.

Basic Structure of an HTML Document

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Your Page Title</title>
</head>
<body>
  <h1>Welcome to My Website</h1>
  <p>This is a paragraph of text on my web page.</p>
</body>
</html>
```

Key Elements

1. **DOCTYPE Declaration:** Defines the document type and version of HTML.
2. **<html> Tag:** Root element of an HTML page.
3. **<head> Tag:** Contains meta-information, title, and links to stylesheets or scripts.
4. **<body> Tag:** Contains the content of the page visible to users.

Common HTML Tags

- **Headings:** <h1> to <h6> (largest to smallest)

Html code:-
<h1>This is a heading</h1>
<h2>This is a subheading</h2>

- **Paragraphs:** <p>

html code :-
<p>This is a paragraph.</p>

- **Links:**

Html code:-
Visit Example

- **Images:**

Html code:-

```

```

- **Lists:**

- **Unordered List:**
- **Ordered List:**

html code:-

```
<ul>  
  <li>Item 1</li>  
  <li>Item 2</li>  
</ul>
```

html code:-

```
<ol>  
  <li>First item</li>  
  <li>Second item</li>  
</ol>
```

- **Divisions:** <div> (for layout)

Html code :-

```
<div>  
  <p>This is inside a div.</p>  
</div>
```

Attributes

HTML tags can have attributes that provide additional information. Common attributes include:

- **href** for links
- **src** for images
- **alt** for image descriptions
- **class** and **id** for styling and scripting

Example of a Complete HTML Document

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>My First Web Page</title>
</head>
<body>
  <h1>Welcome to My First Web Page</h1>
  <p>This page is created using HTML.</p>

  <h2>My Favorite Foods</h2>
  <ul>
    <li>Pizza</li>
    <li>Sushi</li>
    <li>Ice Cream</li>
  </ul>

  <h2>Check out my favorite site:</h2>
  <a href="https://www.example.com">Visit Example</a>

  <h2>Here's an image:</h2>
  
</body>
</html>
```

Conclusion

These are the basics of HTML. Start experimenting by creating your own web pages, and gradually explore more advanced topics like CSS for styling and JavaScript for interactivity. Happy coding!