

Exploring HTML Tags

DIY - 3

Create examples of HTML code snippets that demonstrate the usage of each mentioned tag (<head>, <body>, <title>, <meta>, , and the <div> tag). Create a sample HTML page incorporating these tags to showcase their practical application in creating a coherent and structured web page.

<head> Tag

The <head> tag contains meta-information about the HTML document, such as its title, character set, styles, scripts, and other meta tags.

```
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Ongozy Page</title>
  <link rel="stylesheet" href="styles.css">
  <script src="script.js"></script>
</head>
```

<body> Tag

The <body> tag contains the content of the HTML document, which is visible to the user.

```
<body>
  <header>
    <h1>Welcome to My Ongozy Page</h1>
  </header>
  <main>
    <p>This is the main content of the page.</p>
  </main>
  <footer>
    <p>Footer Content</p>
  </footer>
</body>
```

<title> Tag

The <title> tag sets the title of the HTML document, which is displayed in the browser's title bar or tab.

```
<title>Ongozy Page</title>
```

<meta> Tag

The <meta> tag provides metadata about the HTML document, such as the character set, viewport settings, and descriptions.

```
<meta charset="UTF-8">
<meta name="viewport" content="width=device-width, initial-scale=1.0">
<meta name="description" content="This is an Ongozy web page for demonstrating HTML tags.">
```

 Tag

The tag is used to embed images in an HTML document.

```

```

<div> Tag

The <div> tag is a container element used to group and style sections of HTML content.

```
<div class="container">
  <h2>Section Title</h2>
  <p>This is a paragraph inside a div container.</p>
</div>
```

HTML Page Incorporating These Tags

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <meta name="description" content="This is an Ongozy web page for demonstrating HTML tags.">
  <title>Ongozy Page</title>
  <style>
    body {
      font-family: Arial, sans-serif;
      margin: 0;
      padding: 0;
    }
    header, footer {
      background-color: #f4f4f4;
      text-align: center;
      padding: 10px 0;
    }
    main {
      padding: 20px;
    }
    .container {
      border: 1px solid #ccc;
      padding: 10px;
      margin: 10px 0;
    }
  </style>
</head>
<body>
  <header>
    <h1>Welcome to My Ongozy Page</h1>
  </header>
  <main>
    <div class="container">
      <h2>Introduction</h2>
      <p>This is the main content of the page. Below is an image embedded using the <img> tag.</p>
      
    </div>
    <div class="container">
      <h2>About</h2>
      <p>This section is wrapped in a <div> container for styling and layout purposes.</p>
    </div>
  </main>
  <footer>
    <p>Footer Content</p>
  </footer>
  <script>
    console.log("JavaScript code can be included in the head or body section using the <script> tag.");
  </script>
</body>
</html>
```

Explanation:

- **Head Section:** Includes meta tags, title, and internal CSS for styling.

- **Body Section:** Contains header, main content, and footer.
- **Title:** Sets the title of the page.
- **Meta:** Provides character set, viewport settings, and a description for the page.
- **Image:** An image is embedded with alt text, width, and height.
- **Div Containers:** Used to group content for styling and layout purposes.

This example showcases how to structure an HTML document using these essential tags to create a coherent and well-organized web page named "Ongozy".