



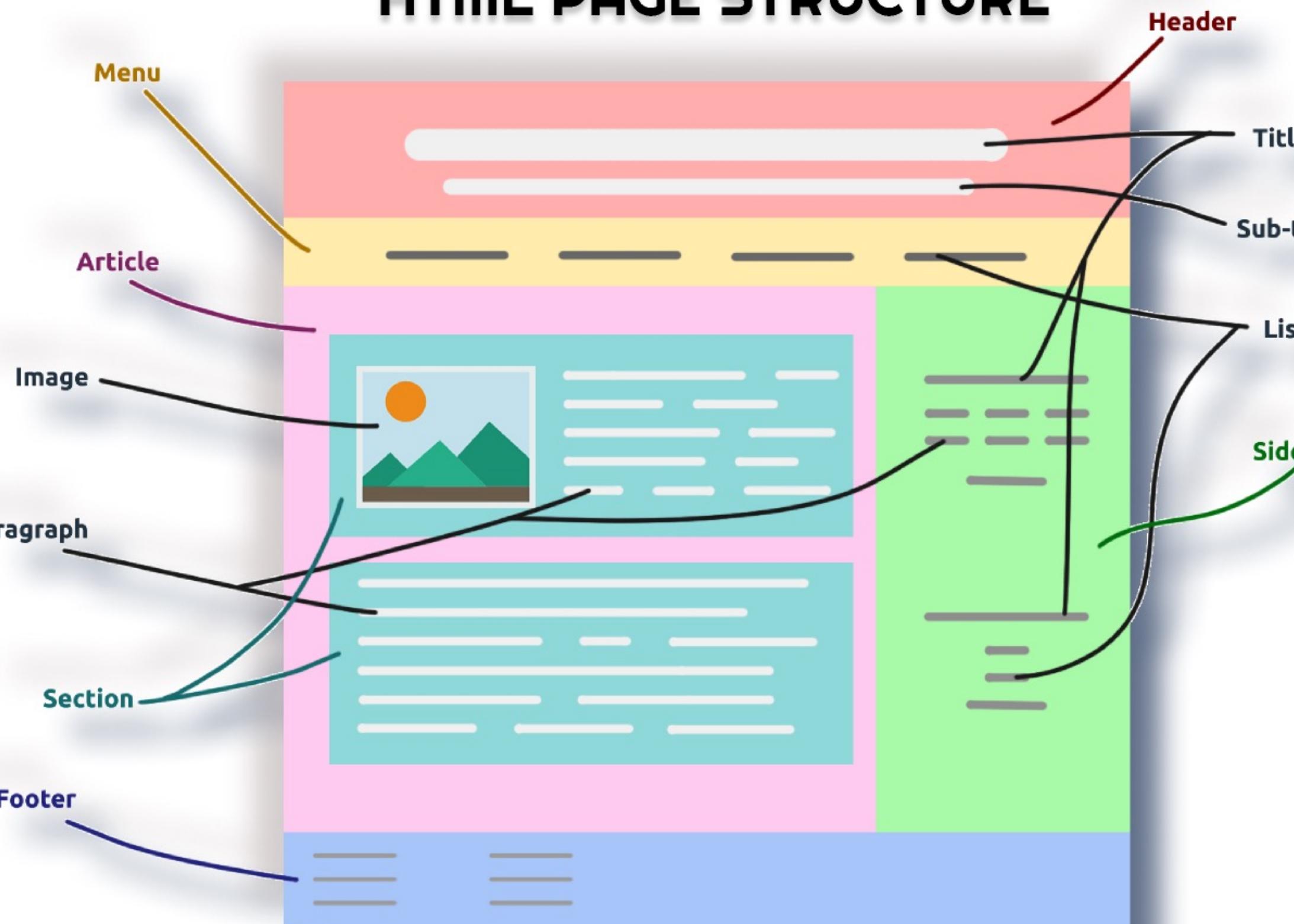
# Building a Functional Calculator: A Comprehensive Guide Using HTML, CSS, and JavaScript



# Introduction to Calculator Development

In this presentation, we will explore the process of building a functional calculator using HTML, CSS, and JavaScript. This guide aims to provide you with a solid understanding of the fundamentals and practical steps involved in creating a user-friendly calculator interface.

## HTML PAGE STRUCTURE



## Setting Up HTML Structure

The first step in our journey is to create the HTML structure. This involves setting up a simple layout that includes the input display and buttons for numbers and operations.

Proper semantics in HTML will enhance accessibility and improve the overall user experience.

## Styling with CSS

Next, we will focus on styling the calculator using CSS. This includes defining colors, fonts, and layouts to create an appealing design. A well-styled calculator not only looks good but also enhances user interaction through intuitive design principles.

A screenshot of a code editor showing a portion of a CSS file. The code defines several classes for styling elements:

- .myphoto:** Sets width to 500px, margin-top to 15%, and a clip-path to a polygon shape.
- .myphoto2:** Sets display to none.
- .intro:** Sets font-weight to 600, font-family to Montserrat, Sono, line-height to 2.2, and font-size to 70px. It also includes a comment /\* margin-right: 50px; \*/.
- .intro1:** Sets padding-top and padding-bottom to 10px, font-size to 15px, and color to #65159a.
- .intro2:** Sets margin-top and margin-bottom to 20px, and font-size to 9px.

The code editor interface shows a sidebar with a tree view of files: 'image' and 'index.html'. The main area shows the CSS code with line numbers 40 to 65. There are also some small, semi-transparent watermark-like text at the bottom left of the code editor window.

# JavaScript



## Adding Javascript

This is the final step, in this we will make our calculator functional by adding javascript code which make it run as per our need. After this step our calculator is fully functional and ready.

# Conclusion and Next Steps

To conclude, we have covered the essential steps in building a functional calculator with HTML, CSS, and JavaScript. This project reinforces key programming concepts and provides a foundation for more advanced web development projects.

Continue to experiment and expand your skills!