

# Beginner's Guide to HTML, CSS, JavaScript, and Web Graphics

This article provides a comprehensive to HTML, CSS, JavaScript, and Web Graphics for beginners. It covers the basics of each technology and provides step-by-step instructions on how to use them to create a web page.



## Learning Web Design: A Beginner's Guide to HTML, CSS, JavaScript, and Web Graphics by Cheri Fraker

★★★★☆ 4.6 out of 5

Language : English

File size : 140152 KB

Text-to-Speech : Enabled

Screen Reader : Supported

Print length : 811 pages



## HTML

HTML (HyperText Markup Language) is the code that forms the structure of a web page. It tells the browser how to display the content on the page, including the text, images, and videos. HTML tags are used to define the different elements of a web page, such as the header, body, and footer. For example, the following HTML code defines a simple web page with a header, a body, and a footer:

This is my first web page. I'm still learning HTML, but I'm excited to share what I've learned so far.

Copyright 2023 My Name

## **CSS**

CSS (Cascading Style Sheets) is a language that styles the elements of a web page. It controls the appearance of the page, including the font, color, and layout. CSS rules are defined in a separate file that is linked to the HTML file. For example, the following CSS code styles the header of the web page defined in the HTML code above:

```
css h1 { font-family: Arial, sans-serif; font-size: 24px; color: #000000; }
```

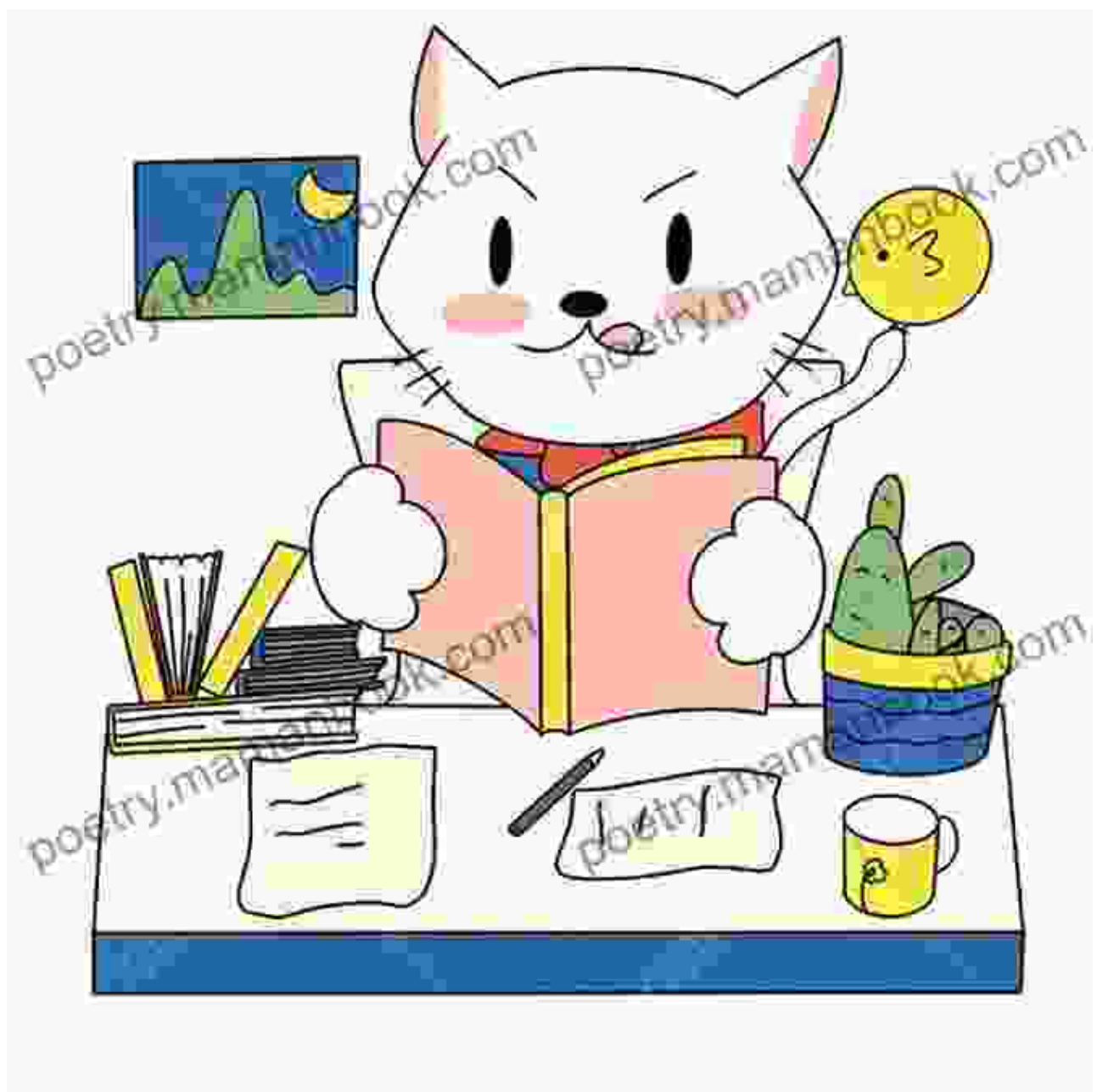
## **JavaScript**

JavaScript is a programming language that adds interactivity to a web page. It allows you to create dynamic effects, such as pop-up menus, image sliders, and form validation. JavaScript code is typically included in a separate file that is linked to the HTML file. For example, the following JavaScript code creates a pop-up menu when the user clicks on a button:

```
javascript function showMenu(){var menu =  
document.getElementById("menu"); menu.style.display ="block"; }
```

## **Web Graphics**

Web graphics are images, videos, and other graphical elements that are used to enhance the appearance of a web page. They can be used to create backgrounds, add illustrations, and display animations. Web graphics are typically created using image editing software, such as Adobe Photoshop or GIMP. For example, the following HTML code includes an image of a cat:



This article has provided a brief overview of HTML, CSS, JavaScript, and Web Graphics. By learning these technologies, you can create your own web pages and add interactivity and visual appeal. There are many resources available online that can help you learn more about these technologies, including tutorials, articles, and books.



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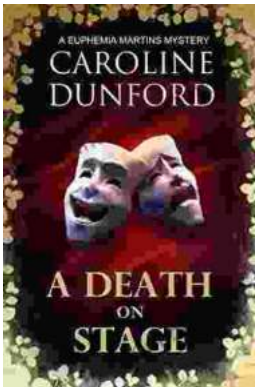
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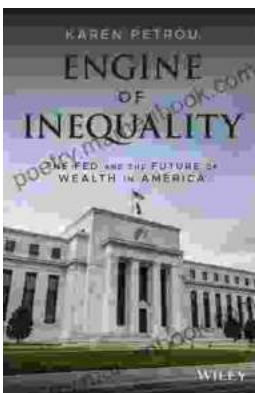
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