



Welcome to Web Development!

In this exciting journey, you will learn the basics of HTML and CSS and create your own personal website from scratch. This welcome pack is designed to introduce you to the world of web development and provide you with the essential skills to get started.

HTML (Hypertext Markup Language) is the standard markup language used to create web pages. It provides the structure and content of a web page, while CSS (Cascading Style Sheets) is used to control the layout and visual styling.

Why Create a Personal Website?

Creating a personal website allows you to express your creativity, showcase your skills, and develop a professional online presence. It's an excellent way to share your interests, hobbies, or passions with the world.

1. What are some benefits of having a personal website?

2. How can a personal website help you achieve your goals?

Learning Objectives:

By the end of this lesson, you will be able to:

1. Create a basic web page using HTML
2. Style your web page using CSS
3. Understand the basics of web design best practices

HTML Basics

HTML consists of a series of elements, represented by tags, which are used to define the structure and content of a web page. The basic structure of an HTML document includes the doctype declaration, html, head, and body elements.

What is the purpose of the `` tag in HTML?

How do you add a link to a website using HTML?

CSS Essentials

CSS is used to control the layout and visual styling of web pages. It consists of a set of rules, known as styles, which are applied to elements on a web page. CSS selectors are used to target specific elements, while properties are used to define the styles applied to those elements.

What is the difference between a `

` tag and a `

` tag?

Create a simple web page using HTML and CSS.

Best Practices for Web Design

Good web design is essential for creating user-friendly and effective websites. It involves considering the website's purpose, target audience, and user experience. Web design principles include balance, contrast, emphasis, movement, pattern, unity, and white space.

1. What are some key principles of good web design?

2. How can you apply these principles to your own website?

Project: Create a Personal Website

Using the skills and knowledge gained in this lesson, create a personal website that showcases your interests, hobbies, or passions. Include the following elements:

- A header with your name and a navigation menu
- A main content area with a brief introduction and a photo
- A footer with your contact information and social media links

Tips and Resources:

Use online resources, such as tutorials and coding communities, to help with any challenges you encounter. Experiment with different colors, fonts, and layouts to create a visually appealing design. Use a text editor or an online coding platform to write and test your code.

What are some online resources that can help you with web development?

How can you use a text editor or online coding platform to write and test your code?

Conclusion:

Congratulations on completing this lesson! You now have the essential skills to create a personal website using HTML and CSS. Remember to practice and experiment with different techniques to improve your skills. Good luck with your web development journey!

What did you learn in this lesson?

How can you apply what you learned to your future projects?

Assessment:

Create a simple web page using HTML and CSS. Style your web page using CSS and add a background image. Write a short reflection on what you learned in this lesson and how you can apply it to your future projects.

1. Create a simple web page using HTML and CSS.

2. Style your web page using CSS and add a background image.

3. Write a short reflection on what you learned in this lesson.

Extension:

Create a responsive website that adapts to different screen sizes and devices. Add interactive elements to your website using JavaScript. Create a website for a fictional company or organization.

What are some ways to make a website responsive?

How can you add interactive elements to a website using JavaScript?

Reflection and Feedback:

Reflect on what you learned in this lesson and how you can apply it to your future projects. Provide feedback on the lesson and suggest ways to improve it.

What did you learn in this lesson?

How can you apply what you learned to your future projects?

