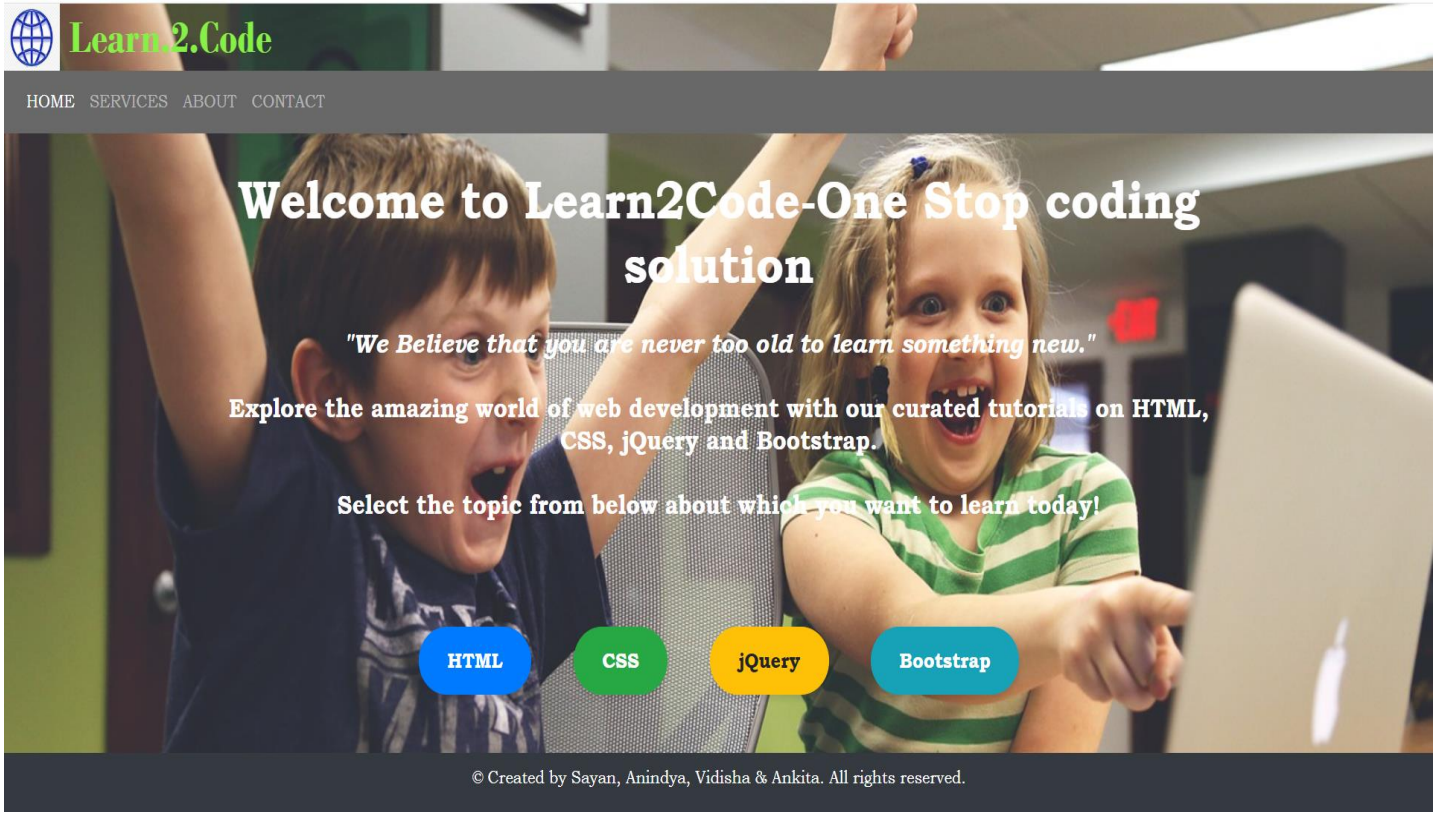
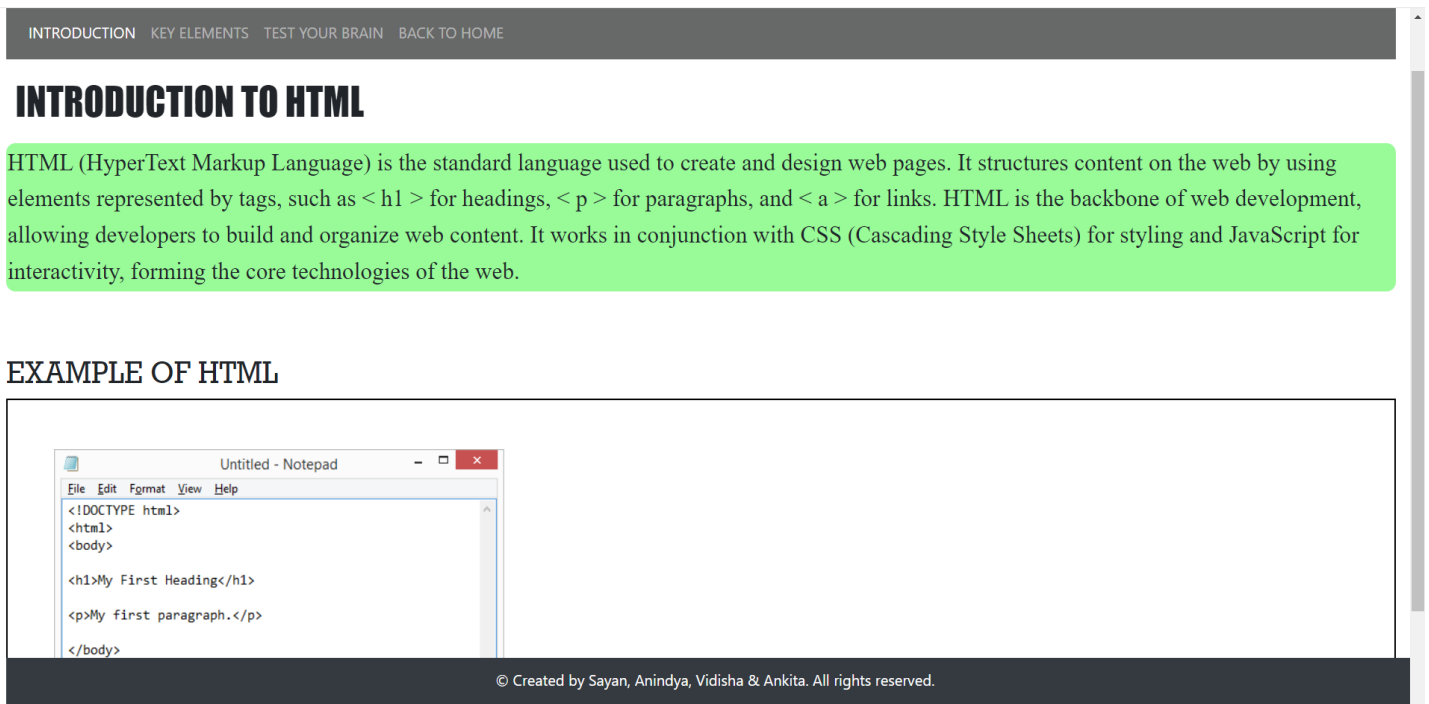


Output

Home Page



HTML introduction



HTML Key Elements



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KEY ELEMENTS OF HTML

STRUCTURAL ELEMENTS:

Structural elements in HTML define the layout and organization of a web page. Key elements include:

< html >: The root element that contains all other HTML elements.

< head >: Contains metadata, links to stylesheets, and scripts.

< title >: Sets the title of the web page.

< meta >: Provides metadata like character set, viewport settings, and descriptions.

< link >: Links external resources like stylesheets.

< script >: Embeds or links JavaScript.

< body >: Contains the visible content of the webpage.

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HTML Quiz

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TEST YOUR BRAIN

Attempt these questions to test your understanding based on the content.

Q1. Which one of the following helps us to define a visible heading for the details element?

- (a) < brief >
- (b) < main >
- (c) < mark >
- (d) < summmary >

Show Answer

Q2.The _____ element is utilized to render modest graphics like a line art, graphs, and other custom graphical units on the client side.

- (a) CSS
- (b) Canvas

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CSS Introduction

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INTRODUCTION TO CSS

CSS (Cascading Style Sheets) is a stylesheet language used to describe the presentation of a document written in HTML or XML. It controls the layout, design, colors, fonts, spacing, and other visual aspects of web pages. While HTML is used to structure the content on a page, CSS is used to style and arrange that content. **This tutorial page will help you learn the basics or the base concepts of CSS.**

EXAMPLE OF CSS

Inline CSS

```
<p style="color: blue;">This is a paragraph.</p>
```

Internal CSS

```
<head>
```

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CSS Key Elements

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KEY ELEMENTS OF CSS

Font Family

The font-family property allows us to change the particular font we are using. You may select any font which is installed on the clients computer with this property. Some of the more commonly used fonts include:

-Times New Roman

-Arial

-Verdana

It is possible to specify and include non standard fonts but this is a little more complex. We'll look at this later.



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CSS Quiz

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TEST YOUR BRAIN

Attempt these questions to test your understanding based on the content.

Q1.What is the full form of CSS?

- (a) coloured special sheets
- (b) color and style sheet
- (c) cascading style sheets
- (d) none of these

Show Answer

Q2.How can we change the background-color of an element?

- (a) background-color
- (b) color
- (c) both (a) and (b)

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jQuery Introduction

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INTRODUCTION TO jQUERY

jQuery is a lightweight, "write less, do more", JavaScript library. The purpose of jQuery is to make it much easier to use JavaScript on your website. jQuery takes a lot of common tasks that require many lines of JavaScript code to accomplish, and wraps them into methods that you can call with a single line of code. jQuery also simplifies a lot of the complicated things from JavaScript, like AJAX calls and DOM manipulation. **This tutorial page will help you learn the basics or the base concepts of jQuery.**

Why jQuery?

There are lots of other JavaScript libraries out there, but jQuery is probably the most popular, and also the most extendable. Many of the biggest companies on the Web use jQuery, such as:

- Google
- Microsoft
- IBM
- Netflix

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jQuery Key Elements

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KEY ELEMENTS OF jQuery

jQuery SYNTAX

The jQuery syntax is tailor-made for selecting HTML elements and performing some action on the element(s). Basic syntax is: `$(selector).action()`

Some basic functions of jQuery are:-

- `hide()`
- `show()`
- `Toggle()`
- `fadeIn()` and `fadeOut()`
- `Animate()`

Now Let us discuss all these functions in detail

hide() FUNCTION

It is used to hide a particular Element from the Web Page.

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fadeIn() and fadeOut() FUNCTION

The `fadeIn()` and `fadeOut()` functions are commonly used in JavaScript and jQuery for smooth animations where an element's visibility changes gradually.

`fadeIn()`

`fadeOut()`

Hii,
Hope you all are doing well
Best of luck for your exams

Animate() FUNCTION

The `animate()` function in jQuery is used to create custom animations by modifying the CSS properties of an element over a specified duration. It provides more flexibility than pre-built effects like `fadeIn()` or `slideToggle()`, allowing you to animate almost any numeric CSS property.

`s(selector).animate(properties, duration, easing, complete);`

`Animate`

Hello, I am
coloured div

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jQuery Quiz

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TEST YOUR BRAIN

Attempt these questions to test your understanding based on the content.

Q1.What is jQuery?

- (a) programming Language
- (b) JavaScript Library
- (c) Backend Tool
- (d) none of these

Show Answer

Q2.What is the correct syntax to use jQuery

- (a) \$(selector).action()
- (b) \$(action).selector()
- (c) action.jquery.selector()

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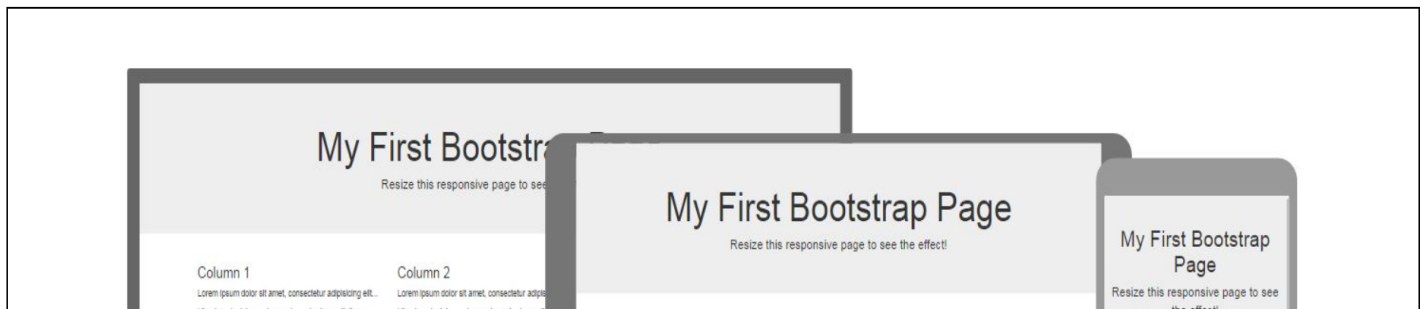
Bootstrap Introduction

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INTRODUCTION TO BOOTSTRAP

Bootstrap is a popular open-source front-end framework used for developing responsive and mobile-first websites. It provides a collection of CSS and JavaScript components, such as navigation bars, buttons, forms, and modals, which help streamline the development process. Bootstrap's grid system allows for easy layout creation, ensuring that web pages look great on various devices and screen sizes. By using Bootstrap, developers can quickly build visually appealing and functional websites with minimal effort.

EXAMPLE OF BOOTSTRAP



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Bootstrap Key Elements

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KEY ELEMENTS OF BOOTSTRAP

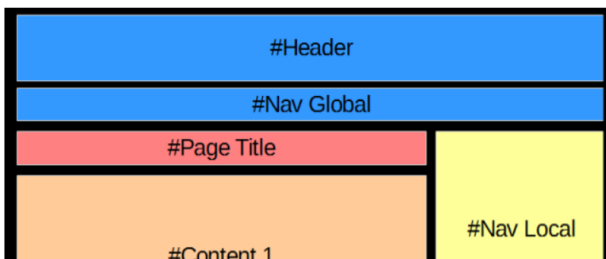
GRID SYSTEM

Bootstrap's grid system is based on a 12-column layout, enabling responsive design. Some main elements of grid system are:

container: The main wrapper for grid content (container or container-fluid).

row: Defines a horizontal group of columns.

col classes: Used to define column width (col-, col-sm-, col-md-, col-lg-, col-xl-, col-xxl-).



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Bootstrap Quiz

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TEST YOUR BRAIN

Attempt these questions to test your understanding based on the content.

Q1. What is the global default line-height in Bootstrap?

- (a) 1.8
- (b) 1.428
- (c) 1.228
- (d) 1.128

Show Answer

Q2.The main use of Glyphicons is _____.

- (a) Graphic images
- (b) Providing different icons
- (c) Animation

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Services Page



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Frontend Web Development

Build interactive and responsive websites with our one-stop solution.



Backend Web Development

Enhanced performance and productivity for all users along with proactive solutions



Full Stack Web Development

Experience state-of-the-art technology like never before with enhanced security

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About Page

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About Learn2Code

Who We Are

At Learn2Code, we believe that coding is not just a skill but a gateway to endless possibilities. Our mission is to empower individuals from all walks of life to embrace technology and create meaningful solutions for a better future. Whether you are a beginner or an experienced coder, we are here to guide you on your learning journey.

What We Do

We offer a wide range of tutorials and resources covering HTML, CSS, jQuery, and Bootstrap to help you master web development. Our content is carefully curated to ensure that it is easy to understand and accessible to learners of all levels.

Our Vision

Our vision is to create a global community of passionate coders who are equipped with the skills to shape the future of technology. Join us as we build a platform where learning is not just about acquiring knowledge but also about inspiring creativity and innovation.

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