

PROGRAMMING FOUNDATIONS WITH JS,HTML AND CSS

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Course Overview :

- ▶ In this course, we learn the basic tools that every web page coder needs to know. We learn how to create web pages with HTML and CSS. We then learn ways to style a webpage. We will be able to code up a web page that will be attractive and very optimal . Last we go thorough the most popular and incredibly powerful language of the web: Java script.

INTRODUCTION TO HTML5

- HTML stands for Hyper Text Markup Language
- HTML is the standard markup language for creating Web pages
- HTML describes the structure of a Web page
- HTML consists of a series of elements
- HTML elements tell the browser how to display the content
- HTML elements label pieces of content such as "this is a heading", "this is a paragraph", "this is a link", etc.

BASIC TAGS

<u><!DOCTYPE></u>	Defines the document type
<u><html></u>	Defines an HTML document
<u><head></u>	Contains metadata/information for the document
<u><title></u>	Defines a title for the document
<u><body></u>	Defines the document's body
<u><h1> to <h6></u>	Defines HTML headings
<u><p></u>	Defines a paragraph
<u>
</u>	Inserts a single line break
<u><hr></u>	Defines a thematic change in the content
<u><!--...--></u>	Defines a comment

SYNTAX

- ```
<!DOCTYPE html>
<html>
<head>
<title>Page Title</title>
</head>
<body>

<h1>My First Heading</h1>
<p>My first paragraph.</p>

</body>
</html>
```

# OUTPUT

**My First Heading**  
My first paragraph.

# INTRODUCTION TO CSS

- > **CSS** stands for **C**ascading **S**tyle **S**heets
- > CSS describes **how HTML elements are to be displayed on screen, paper or in other media**
- > CSS **saves a lot of work**. It can control the layout of multiple web pages all at once
- > External stylesheets are stored in **CSS files**



CSS can be added to HTML documents in 3 ways:

- **Inline** - by using the `style` attribute inside HTML elements
- **Internal** - by using a `<style>` element in the `<head>` section
- **External** - by using a `<link>` element to link to an external CSS file

The most common way to add CSS, is to keep the styles in external CSS files. However, in this tutorial we will use inline and internal styles, because this is easier to demonstrate, and easier for you to try it yourself.

# BASIC SYNTAX

```
<!DOCTYPE html>
<html>
<head>
<style>
body {background-color: powderblue;}
h1 {color: blue;}
p {color: red;}
</style>
</head>
<body>

<h1>This is a heading</h1>
<p>This is a paragraph.</p>

</body>
</html>
```



Run »

```
<!DOCTYPE html>
<html>
<head>
<style>
body {background-color: powderblue;}
h1 {color: blue;}
p {color: red;}
</style>
</head>
<body>

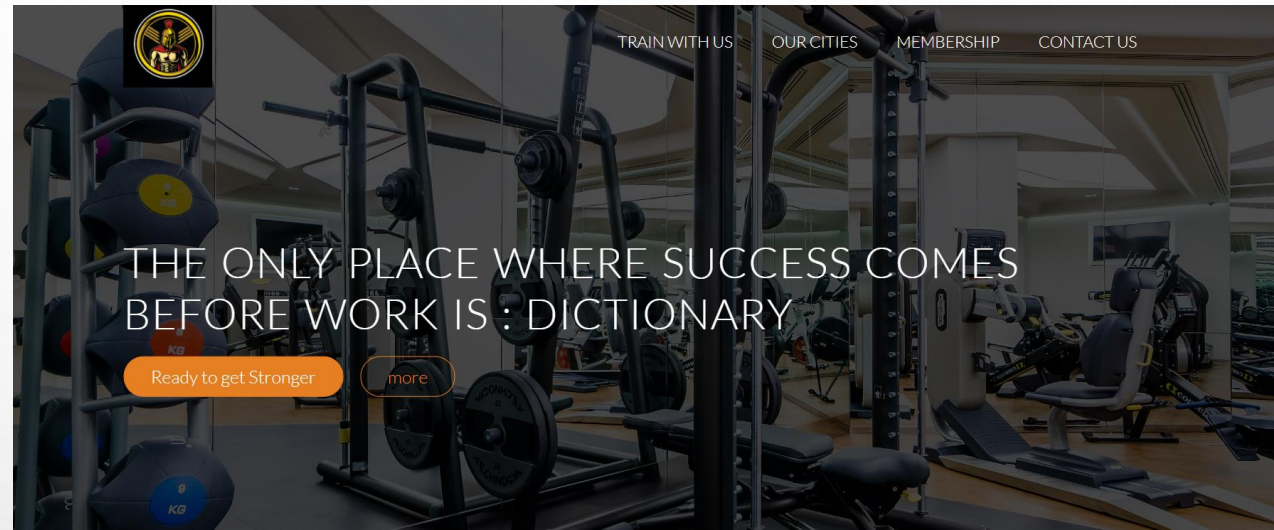
<h1>This is a heading</h1>
<p>This is a paragraph.</p>

</body>
</html>
```

# This is a heading

This is a paragraph.

# PROJECT RESULT :



## WE ARE THE BEST

Hello, we have been in this field for past many years,so we know better than anyone how to get you fitter.

We offer best and world class experience,also we treat our customers as

family.We offer you best exercises according to ur body type.

CERTIFICATE :



# Link for verification of certificate:

<https://ur link>