

HTML, CSS Demo



Team Members

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Scenario

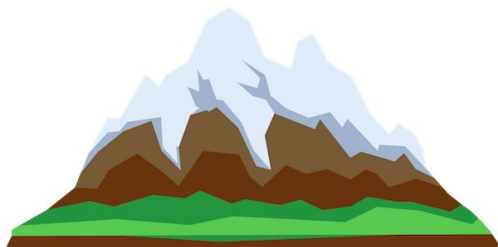


An IT organization has decided to hire a front-end web developer. One of their requirements is that the applicant must submit a professional portfolio. Therefore an online portfolio that showcases skills, abilities, contact details and past project performances is to be developed.

- To create an online portfolio, a **webpage** can be developed.
- **HTML** - A best format that showcases the required details.
- **CSS** - Easy to navigate and aesthetically pleasing.

I'm Imthiyas

a web designer



Hello,

Lorem ipsum dolor sit amet, vitae volutpat, dui conubia, dicit urna. Non acuter, necesse nulla dictum.

My Skills,



Lorem & Ipsum

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Get In Touch

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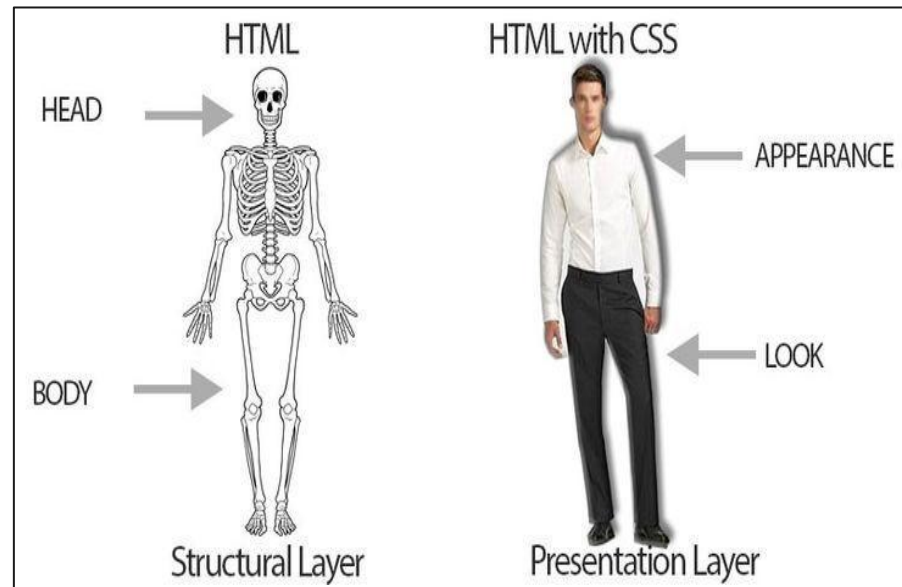
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HTML & CSS: An Overview

| Login With HTML Only | Login With HTML & CSS |
|---------------------------------------|---------------------------------------|
| Email: <input type="text"/> | EMAIL: <input type="text"/> |
| Password: <input type="password"/> | PASSWORD: <input type="password"/> |
| <input type="button" value="Login"/> | <input type="button" value="Login"/> |



HTML is Structure and CSS is Style

HTML (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.

HTML Page Structure

```
<html>
```

```
<head>
```

```
<title>Page title</title>
```

```
</head>
```

```
<body>
```

```
<h1>This is a heading</h1>
```

```
<p>This is a paragraph.</p>
```

```
<p>This is another paragraph.</p>
```

```
</body>
```

```
</html>
```

HTML Element



An HTML element is defined by a start tag, some content, and an end tag:

```
<tagname>Content goes here...</tagname>
```

The HTML element is everything from the start tag to the end tag:

```
<h1>My First Heading</h1>
```

```
<p>My first paragraph.</p>
```



HTML Attributes

- All HTML elements can have attributes
- Attributes provide additional information about elements
- Attributes are always specified in the start tag
- Attributes usually come in name/value pairs like: name="value"

```
<a href="https://www.abc.com">ABC Company</a>
```

The `<a>` tag defines a hyperlink. The `href` is an attribute



Block-level Elements

- A block-level element always starts on a new line.
- A block-level element always takes up the full width available (stretches out to the left and right as far as it can).
- A block level element has a top and a bottom margin, whereas an inline element does not.

Example:

```
<div> <p> <form> <table>  
<h1>-<h6> <hr> <li> <header>
```

Inline Elements

- An inline element does not start on a new line.
- An inline element only takes up as much width as necessary.

Example:

```
<a> <img> <button> <span> <i>
```

Cascading Style Sheet (CSS)



- CSS is used to bring styles in web documents.
- By combining with HTML document flexibility of the content is achieved.

A CSS rule consists of a selector and a declaration block

- Selector is the HTML element you want to style
- Each declaration consist of a property and a value
- Property is the style of the attribute you want to change, each property has a value.

Linking - HTML/CSS

Inline CSS

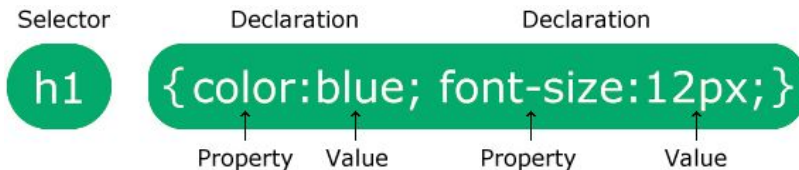
Syntax: `<tagname style="property:value;">`

`<h1 style = "color:red; margin-left: 20px;"> HELLO </h>`

External CSS

`<link href = "style.css" rel="stylesheet" >`

Style.css





CSS Selector

Universal Selector

*

Direct Selector

h1....h6, p, div, ul,
span, input etc...

ID Selector

#

Class Selector

•



HTML file

```
Welcome Guide | index.html — Demo
1  <!DOCTYPE html>
2  <html lang="en" dir="ltr">
3    <head>
4      <meta charset="utf-8">
5      <title>Demo</title>
6      <link rel="stylesheet" href="style.css">
7    </head>
8    <body>
9      <div class="top-container">
10        <h1 id="Heading">First Container</h1>
11        <h2>Hello</h2>
12      </div>
13    </body>
14  </html>
15
```

CSS file

```
Welcome Guide | index.html — Demo
1  *{
2    text-align: center;
3  }
4
5  body{
6    background-color: blue;
7  }
8
9  #Heading{
10    color: white;
11  }
12
13  .top-container{
14    background-color: red;
15  }
16
```



THANK YOU!