

**Lab Report- 1**

**Course Code: CSE415**

**Course Title: Web Engineering Lab**

**Submitted to:**

Mr. Hasanuzzaman Dipu Assistant Professor Department of CSE

Daffodil International university

**Submitted by:**

Abu Hanzala

ID: 211-15-4022

Section: 60\_B2 Department of CSE

Daffodil International University

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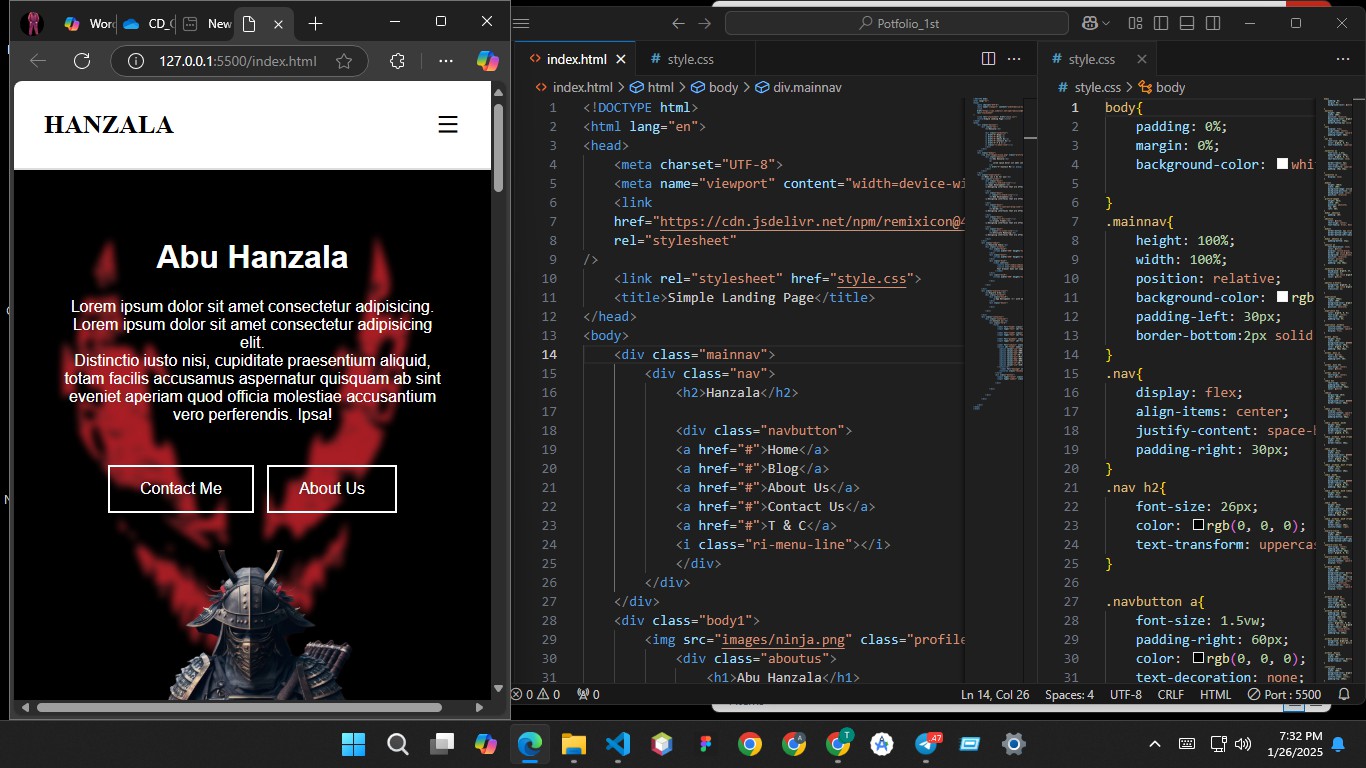
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HTML Introduction

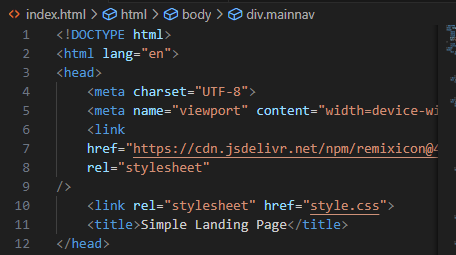
HTML is the standard markup language for creating Web pages.

**Simple HTML Document**

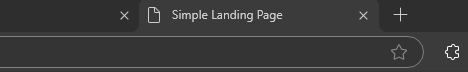
****

**Page Title:**

The <title> element specifies a title for the HTML page (which is shown in the browser's title bar or in the page's tab)

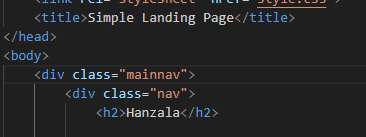


**Output:**

****

**HTML Heading**

HTML headings are defined with the <h1> to <h6> tags. <h1> defines the most important heading. <h6> defines the least important heading.

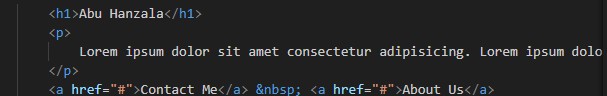


**Output:**

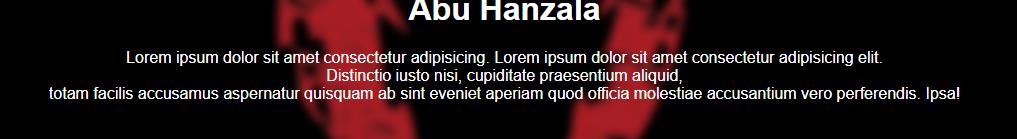
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**HTML Paragraph**

The HTML <p> tag represents a paragraph. Every paragraph begins on a new line, and web browsers automatically insert some white space (a margin) both above and below a paragraph.

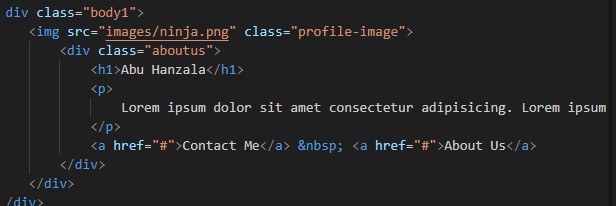


**Output:**

****

**HTML Elements**

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

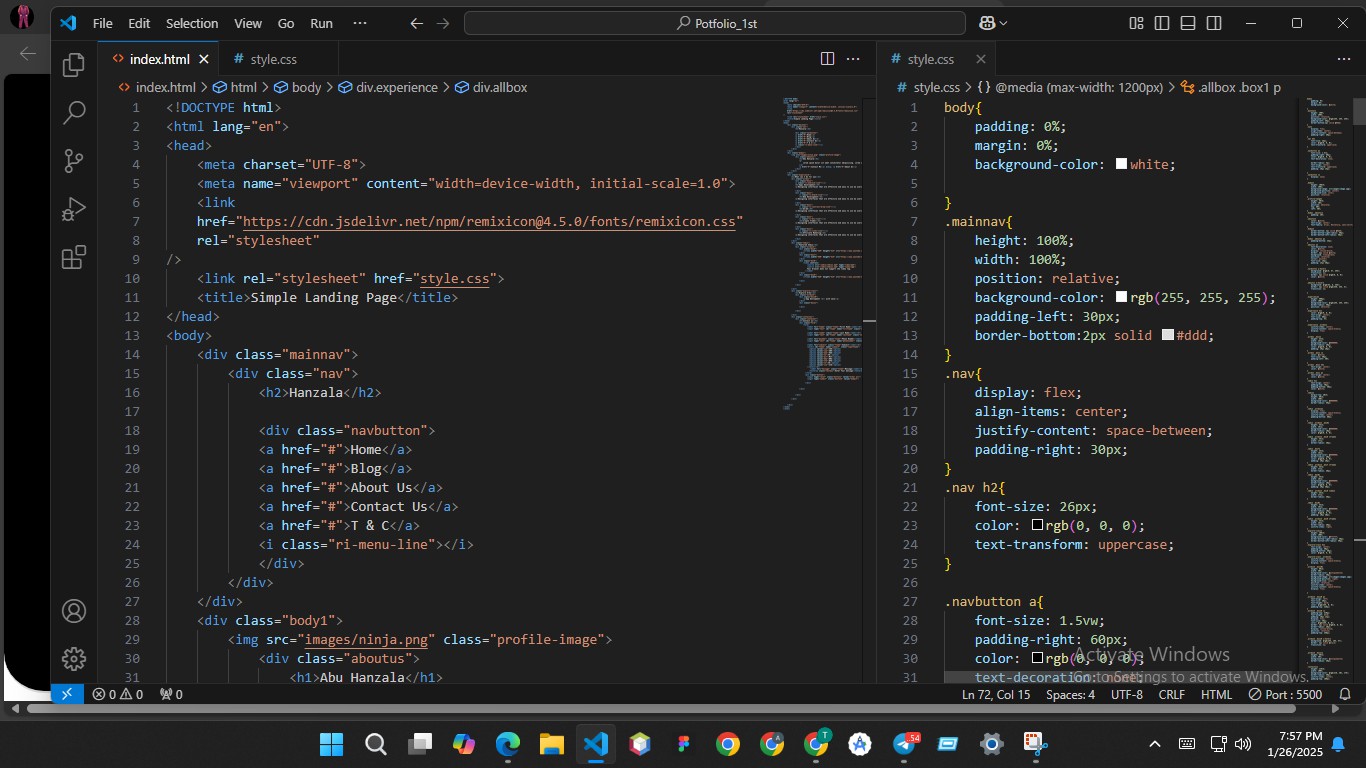


**Output:**

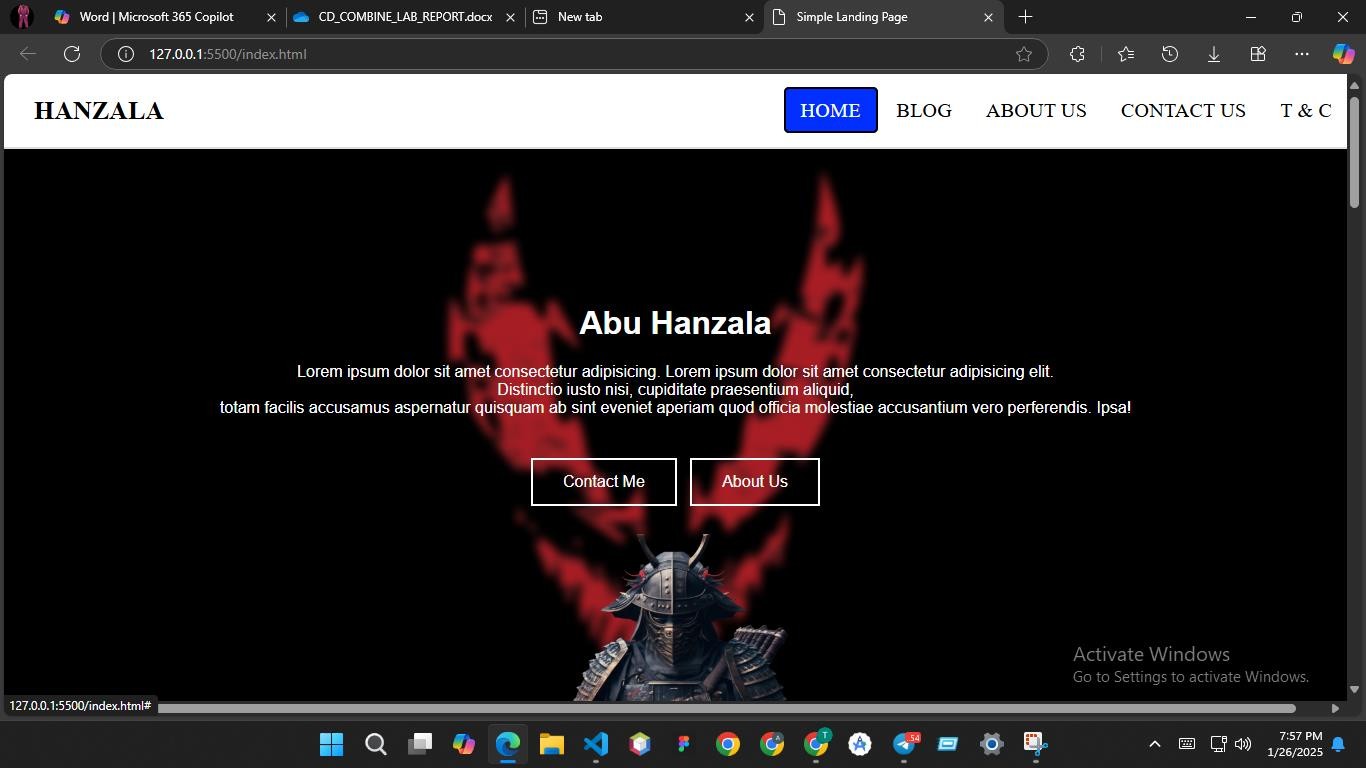


**HTML Styles**

The HTML style attribute is used to add styles to an element, such as color, font, size, and more.

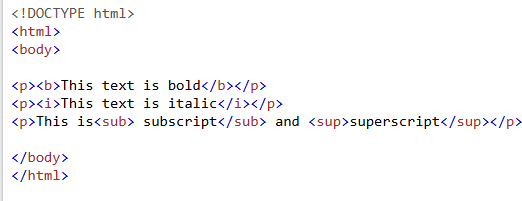


**Output:**

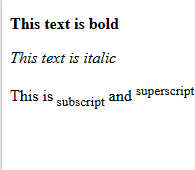


**HTML Text Formatting**

HTML contains several elements for defining text with a special meaning.

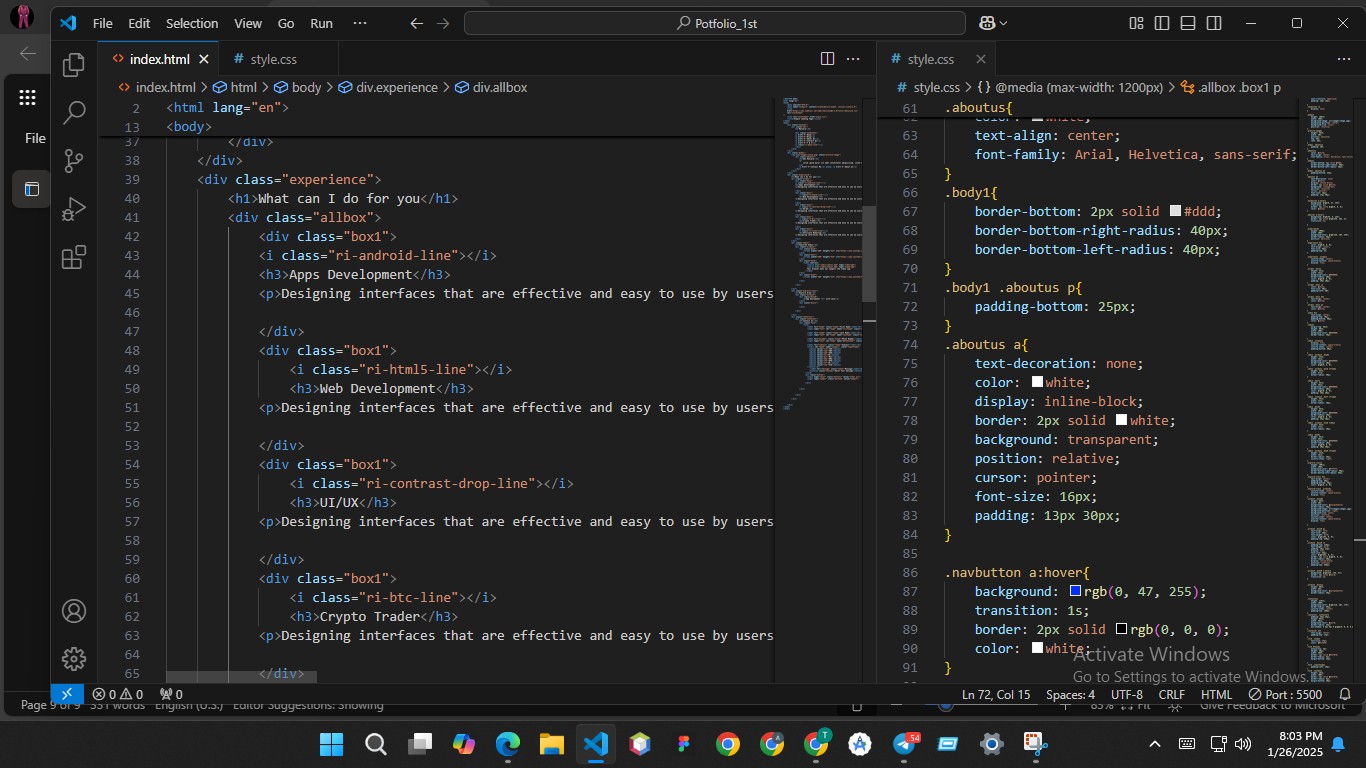


**Output:**



**HTML Colors**

HTML colors are specified with predefined color names, or with RGB, HEX, HSL, RGBA, or HSLA values.

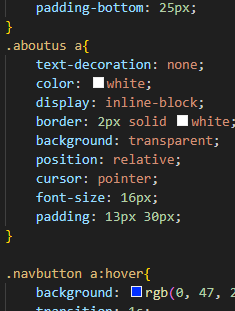


**Output:**



**HTML Styles – CSS**

CSS stands for Cascading Style Sheets. CSS saves a lot of work. It can control the layout of multiple web pages all at once

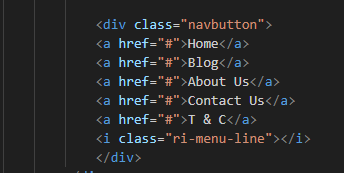


**Output:**



**HTML Links**

Links are found in nearly all web pages. Links allow users to click their way from page to page.

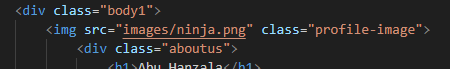


**Output:**

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**HTML Images**

Images can improve the design and the appearance of a web page.

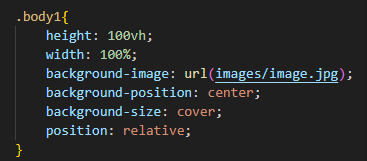


Output:

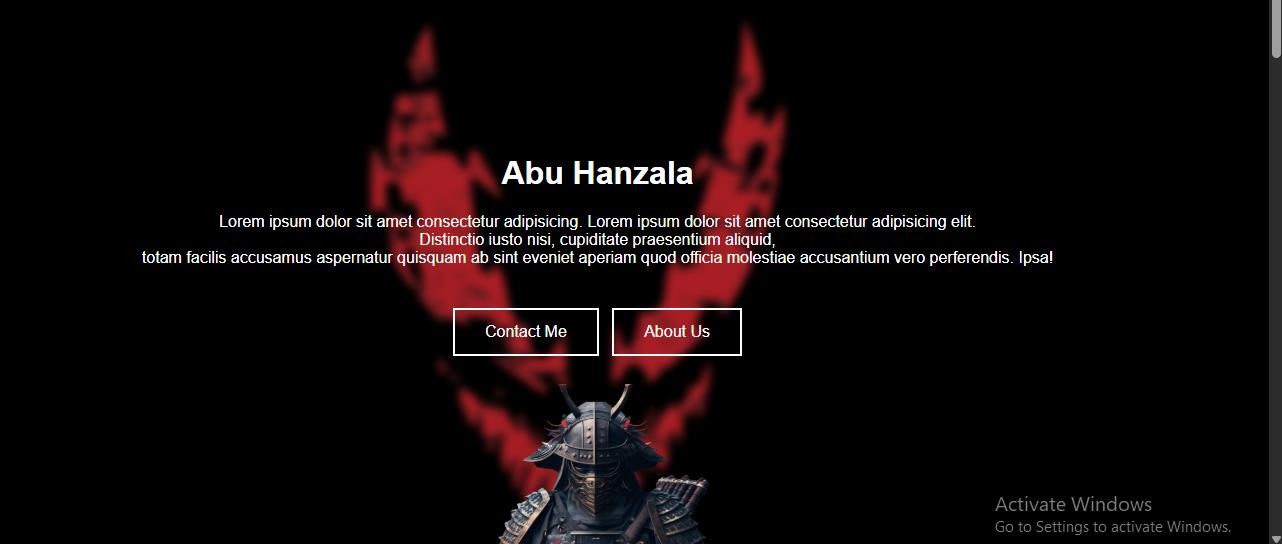


**HTML Background Images**

A background image can be specified for almost any HTML element.



**Output:**

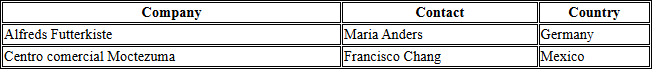


**HTML Tables**

HTML tables allow web developers to arrange data into rows and columns.

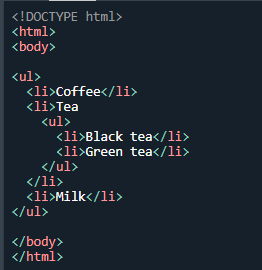


**Output:**

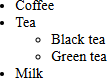


**HTML Lists**

HTML lists allow web developers to group a set of related items in lists.

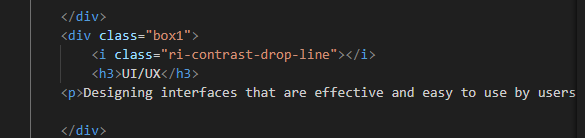


**Output:**

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**HTML Block and Inline Elements**

Every HTML element has a default display value, depending on what type of element it is. The two most common display values are block and inline.

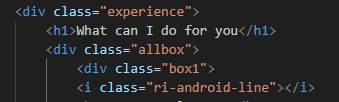


**Output:**

****

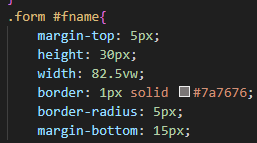
**HTML class Attribute**

The HTML class attribute is used to specify a class for an HTML element. Multiple HTML elements can share the same class.



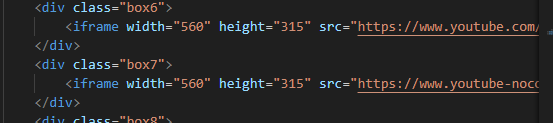
**HTML id Attribute**

**The HTML id attribute is used to specify a unique id for an HTML element. Cannot have more than one element with the same id in an HTML document.**

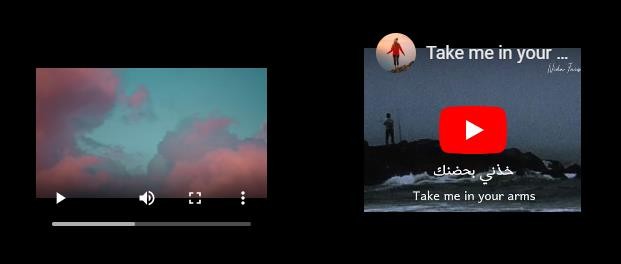
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**HTML Iframes**

**An HTML iframe is used to display a web page within a web page.**

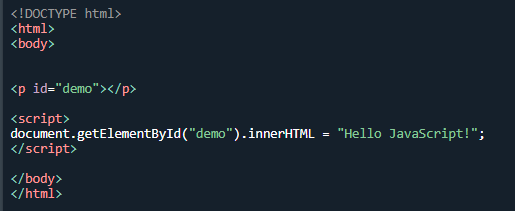
****

**Output:**

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**HTML JavaScript**

JavaScript makes HTML pages more dynamic and interactive.

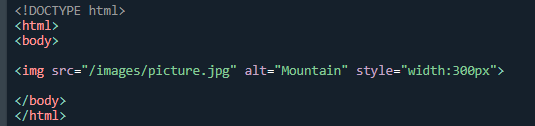


**Output:**

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**HTML File Paths**

A file path describes the location of a file in a web site's folder structure.



**Output:**

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**HTML Responsive Web Design**

Responsive web design is about creating web pages that look good on all devices! A responsive web design will automatically adjust for different screen sizes and viewports.

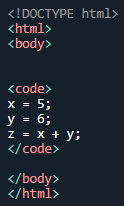


Output:



**HTML Computer Code Elements**

HTML contains several elements for defining user input and computer code.

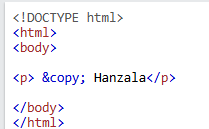


**Output:**

****

**HTML Symbols**

Symbols or letters that are not present on your keyboard can be added to HTML using entities.

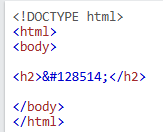


**Output:**

****

**Using Emojis in HTML**

Emojis are characters from the UTF-8 character set: v^-● ●v-˘ ♥y

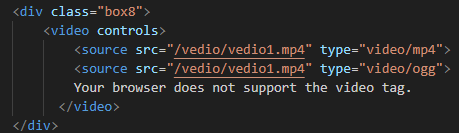


**Output:**

****

**HTML Video**

The HTML <video> element is used to show a video on a web page.

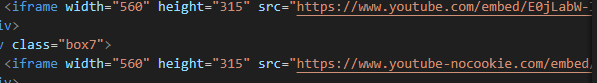


**Output:**

****

**HTML YouTube Videos**

The easiest way to play videos in HTML, is to use YouTube.



**Output:**

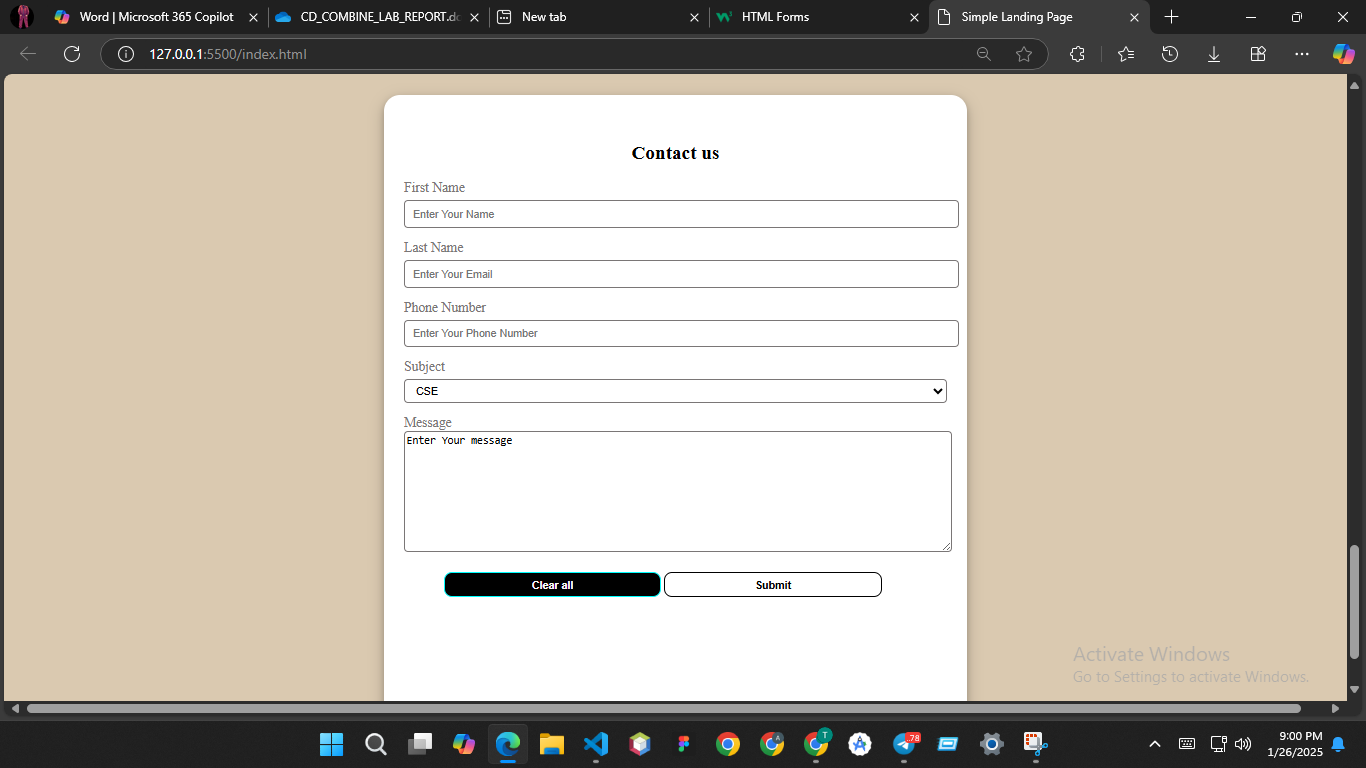
****

**HTML Forms**

An HTML form is used to collect user input. The user input is most often sent to a server for processing.



**Output:**

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**Thank You**