



UITs

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University of Information Technology & Sciences

WAD Lab Report

Course Title : Web Application Design Lab

Course Code : CSE0613124

Lab no. : 01

Topic : Introduction to HTML

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"Introduction to HTML"

HTML or Hyper Text Markup Language is sometimes referred to as the backbone or the basic structure of a webpage. It is different from a programming language like C or Java as there is no logic applied in the syntax. It uses a system of elements called tags which define what to display on the browser. HTML is further enhanced by CSS and JS. It is called a "markup language" because it "marks up" text with tags to define its structure and meaning, rather than executing logic like a programming language.

"Introduction of HTML: Tags"

Tag	Name and Description	Example
<code><body></code> <code></body></code>	The visible part of the HTML document is put between <code><body></code> and <code></body></code>	<code><body><h1>Heading</code> <code></h1><p>Para</p></code> <code></body></code>
<code><h1></code> <code></h1></code>	HTML headings are defined with <code><h1></code> to <code><h6></code> tags	<code><h1> heading 1</h1></code> <code><h2> heading 2</h2></code>
<code><p></code> <code></p></code>	HTML paragraphs are defined with the <code><p></code> tag	<code><p> this is a paragraph</code> <code></p></code>
<code><a href</code> <code>= " " ></code> <code></code>	HTML Links are defined with <code><a></code> tag	<code><a href="https://</code> <code>www.w3schools.com"></code> <code>Link </code>
<code><img src</code> <code>= " " alt</code> <code>= " " width</code> <code>= " " height</code> <code>= " "></code>	HTML Images are defined with <code></code> tag where <code>src</code> is source file, <code>alt</code> is alternative text, <code>height</code> and <code>width</code> are attributes.	<code><img src="w3schools.jpg"</code> <code>alt="w3schools.com"</code> <code>width="104" height</code> <code>= "142"></code>
<code></code> <code></code>	Defines bold text	<code><p> in this para</code> <code> this is bold</p></code>
<code>
</code>	inserts a single line break	<code><p> line is broken
</code> <code>here </p></code>
<code></code> <code></code>	Defines text that has been deleted from a document by striking a line through the deleted text.	<code><p> Do not</code> <code>make noise in the</code> <code>Library! </p></code>

Tag	Name and Description	Example
<code></code> <code> </code> <code></code>	The <code></code> tag defines an unordered/ bulleted list used together with <code></code> tag	<code><p></code> My Courses: <code></code> <code></code> DLD <code></code> <code></code> DSA <code></code> <code></code> DBMS <code></code> <code></code> <code></p></code>
<code><hr></code>	Defines a thematic break and displayed as a horizontal rule that is used to separate content.	<code><p></code> This is the first line and <code><hr></code> This line is interesting <code><hr></code> <code></p></code>
<code><mark></code> <code></mark></code>	Defines text that should be marked or highlighted.	<code><p></code> This is an important <code><mark></code> text <code></mark></code> <code></p></code>
<code><menu></code> <code></menu></code>	Defines an un ordered list similar to how <code></code> works.	<code><menu></code> <code></code> Coffee <code></code> <code></code> Tea <code></code> <code></code> Milk <code></code> <code></menu></code>
<code><div></code> <code></div></code>	Defines a division or a section in an HTML document.	<code><body></code> <code><div class</code> <code>= "my Div"></code> <code><h2></code> Heading <code></h2></code> <code></div></code> <code></body></code>
<code></code> <code></code>	Defines emphasized text (italic)	<code><p></code> you <code></code> have <code></code> to hurry <code></p></code>

Tag	Name and Description	Example
<code></code> <code></code>	Defines ordered list (numerical or alphabetical)	<code></code> <code> Coffee</code> <code> Tea</code> <code> Milk</code> <code></code>
<code><q></code> <code></q></code>	Defines a short quotation.	<code><p> He said,</code> <code><q> "Hello" </q></code> <code></p></code>
<code><pre></code> <code></pre></code>	Define preformatted text.	<code><pre> This is a pre</code> <code>formatted text </pre></code>
<code><s></code> <code></s></code>	Specifies text that is no longer correct (unlike <code></code> tag's purpose but it looks similarly as strike through).	<code><p> <s> Old news </s></code> <code></p></code> <code><p> news! </p></code>
<code><small></code> <code></small></code>	Defines smaller text (like copy-right and other side comments)	<code><p> normal text </p></code> <code><p> <small> small</code> <code>text </small> </p></code>
<code></code> <code></code>	Defines strongly important text that works like <code></code> bld tag.	<code> Important</code> <code>text </code>

"Receipt Lap Code"

Code:

```
<!DOCTYPE HTML>
```

```
<html>
```

```
<head>
```

```
<title> My First Webpage </title>
```

```
</head>
```

```
<body>
```

```
<h1><u>This is Heading 1</u></h1>
```

```
<!--<u> used for underline-->
```

```
<h2>This is Heading 2</h2>
```

```
<h3>This is Heading 3</h3>
```

```
<h4>This is Heading 4</h4>
```

```
<h5>This is Heading 5</h5>
```

```
<h6>This is Heading 6</h6>
```

```
<!--This is a comment>
```

```
<p>Lorem ipsum is simply dummy text of  
the printing and typesetting industry.</p>
```

```
<p>This is a web <br> developers example</p>
```

```
<!--<br> used to show line break-->
```


<i>Buy Train Ticket here!</i>

<!-- <a> used for link creation -->

<!-- <i> used for Italic font -->

</body>

</html>

#Code Output:

This is Heading 1

This is Heading 2

This is Heading 3

This is Heading 4

This is Heading 5

This is Heading 6

Lorem ipsum is a simply dummy test of the printing and typesetting industry.

This is a Web
developer example

[Buy Train Ticket Here!](#)