

What is HTML ?

Hyper Text Markup Language

What does HyperText means ?

It refers to pieces of text which can link to other documents in a website

World's first website: [The World Wide Web project \(w3.org\)](http://www.w3.org)

What is Markup Language?

We are marking up This is a quote with (“”)

“This is a quote”

Writers should use *italics*, **boldface**
type, and underlining sparingly.

How we use Markup Language in HTML ?

By using Tags

All HTML5 Tags

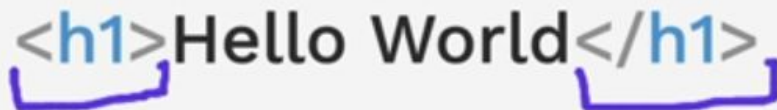
<code><a></code>	<code><canvas></code>	<code><dt></code>	<code><iframe></code>	<code><meta></code>	<code><rp></code>	<code><sup></code>
<code><abbr></code>	<code><caption></code>	<code></code>	<code></code>	<code><meter></code>	<code><rt></code>	<code><svg></code>
<code><address></code>	<code><cite></code>	<code><embed></code>	<code><input></code>	<code><nav></code>	<code><ruby></code>	<code><table></code>
<code><area></code>	<code><code></code>	<code><fieldset></code>	<code><ins></code>	<code><noscript></code>	<code><s></code>	<code><tbody></code>
<code><article></code>	<code><col></code>	<code><figcaption></code>	<code><kbd></code>	<code><object></code>	<code><samp></code>	<code><td></code>
<code><aside></code>	<code><colgroup></code>	<code><figure></code>	<code><keygen></code>	<code></code>	<code><script></code>	<code><template></code>
<code><audio></code>	<code><data></code>	<code><footer></code>	<code><label></code>	<code><optgroup></code>	<code><section></code>	<code><textarea></code>
<code></code>	<code><datalist></code>	<code><form></code>	<code><legend></code>	<code><option></code>	<code><select></code>	<code><tfoot></code>
<code><base></code>	<code><dd></code>	<code><head></code>	<code></code>	<code><output></code>	<code><small></code>	<code><th></code>
<code><bdi></code>	<code></code>	<code><header></code>	<code><link></code>	<code><p></code>	<code><source></code>	<code><thead></code>
<code><bdo></code>	<code><details></code>	<code><hgroup></code>	<code><main></code>	<code><param></code>	<code></code>	<code><title></code>
<code><blockquote></code>	<code><dfn></code>	<code><h1> to <h6></code>	<code><map></code>	<code><picture></code>	<code></code>	<code><tr></code>
<code><body></code>	<code><dialog></code>	<code><hr></code>	<code><mark></code>	<code><pre></code>	<code><style></code>	<code></code>
<code>
</code>	<code><div></code>	<code><html></code>	<code><menu></code>	<code><progress></code>	<code><sub></code>	<code><var></code>
<code><button></code>	<code><dl></code>	<code><i></code>	<code><menuitem></code>	<code><q></code>	<code><summary></code>	<code><video></code>
						<code><wbr></code>

All You Need to Know

<code><a></code>	<code><canvas></code>	<code><dt></code>	<code><iframe></code>	<code><meta></code>	<code><rp></code>	<code><sup></code>
<code><abbr></code>	<code><caption></code>	<code></code>	<code></code>	<code><meter></code>	<code><rt></code>	<code><svg></code>
<code><address></code>	<code><cite></code>	<code><embed></code>	<code><input></code>	<code><nav></code>	<code><ruby></code>	<code><table></code>
<code><area></code>	<code><code></code>	<code><fieldset></code>	<code><ins></code>	<code><noscript></code>	<code><s></code>	<code><tbody></code>
<code><article></code>	<code><col></code>	<code><figcaption></code>	<code><kbd></code>	<code><object></code>	<code><samp></code>	<code><td></code>
<code><aside></code>	<code><colgroup></code>	<code><figure></code>	<code><keygen></code>	<code></code>	<code><script></code>	<code><template></code>
<code><audio></code>	<code><data></code>	<code><footer></code>	<code><label></code>	<code><optgroup></code>	<code><section></code>	<code><textarea></code>
<code></code>	<code><datalist></code>	<code><form></code>	<code><legend></code>	<code><option></code>	<code><select></code>	<code><tfoot></code>
<code><base></code>	<code><dd></code>	<code><head></code>	<code></code>	<code><output></code>	<code><small></code>	<code><th></code>
<code><bdi></code>	<code></code>	<code><header></code>	<code><link></code>	<code><p></code>	<code><source></code>	<code><thead></code>
<code><bdo></code>	<code><details></code>	<code><hgroup></code>	<code><main></code>	<code><param></code>	<code></code>	<code><title></code>
<code><blockquote></code>	<code><dfn></code>	<code><h1> to <h6></code>	<code><map></code>	<code><picture></code>	<code></code>	<code><tr></code>
<code><body></code>	<code><dialog></code>	<code><hr></code>	<code><mark></code>	<code><pre></code>	<code><style></code>	<code></code>
<code>
</code>	<code><div></code>	<code><html></code>	<code><menu></code>	<code><progress></code>	<code><sub></code>	<code><var></code>
<code><button></code>	<code><dl></code>	<code><i></code>	<code><menuitem></code>	<code><q></code>	<code><summary></code>	<code><video></code>
						<code><wbr></code>

Tags vs Elements

Tags:



```
<h1>Hello World</h1>
```

Elements:



```
<h1>Hello World</h1>
```

opening

closing

Heading Tag

H1	1	TABLE OF CONTENTS	1
		REVISION HISTORY	2
		APPROVALS	2
		1. PURPOSE	3
		2. POLICY	3
		3. SCOPE	3
H2	4	REFERENCES	3
		5. DEFINITIONS	3
		6. ACRONYMS	4
		7. RESPONSIBILITIES	4
		8. PROCEDURE	4
H3	8	8.1 Record Type and Retention	4
H2	9	QUALITY SYSTEM RECORDS	5
		10. DEVICE MASTER RECORDS (DMR)	5
		11. DEVICE HISTORY FILE (DHR'S)	6
		12. COMPLIANT AND COMPLAINT INVESTIGATION FILES	6
		12.1 Obsolete Records	6
		12.2 Quality Records	7
		12.3 Quality Manager (QM)	7
		12.4 Non-exhaustive List of Quality Records	7
		13. RECORDS	7

```
<h1>Heading 1</h1>
```

```
<h2>Heading 2</h2>
```

```
<h3>Heading 3</h3>
```

```
<h4>Heading 4</h4>
```

```
<h5>Heading 5</h5>
```

```
<h6>Heading 6</h6>
```


Heading 1

Heading 2

Heading 3

Heading 4

Heading 5

Heading 6

Task 1 - DISCUSSION

[<h1>–<h6>: The HTML Section Heading elements - HTML: HyperText Markup Language | MDN \(mozilla.org\)](#)

Paragraph Element

Task 2 - Discussion

Self Closing Elements or Void Elements

1. Break Element
2. Horizontal Rule Element

TASK - DISCUSSION

Do's and Don'ts

Don't

```
<p>  
Paragraph 1<br />  
Paragraph 2<br />  
</p>
```

Do

```
<p>Paragraph 1</p>  
<p>Paragraph 2</p>
```

List: Unordered List

```
<ul></ul>
```



```
<ul>
  <li>Milk</li>
  <li>Eggs</li>
  <li>Flour</li>
</ul>
```

- Milk
- Eggs
- Flour

List: Ordered List

```
<ol></ol>
```

```
<ol>  
  <li>Milk</li>  
  <li>Eggs</li>  
  <li>Flour</li>  
</ol>
```

1. Milk
2. Eggs
3. Flour

TASK - Discussion

Attributes

```
<tag attribute=value>Content</tag>
```

```
<tag attribute=value anotherattribute=value>Content</tag>
```

Anchor Element

```
<a>This is a link to Google</a>
```

This is a link to Google

```
<a href="https://www.google.com">
```

This is a link to Google

```
</a>
```

[This is a link to Google](https://www.google.com)

Image Element

` .`

location of
image

Source of the image

Alt Attribute

```

```

↑
alternative
text
description