

010: Introducing HTML

Definitions/Concepts	
HTML Tags	 All HTML documents must start with a document type declaration: <!DOCTYPE html> . The HTML document itself begins with <html> and ends with </html>. Tags are used to mark up the start of an HTML element and they are usually enclosed in angle brackets.<>/li>
Heading Tags	 HTML defines six levels of headings. The heading levels are H1, H2, H3, H4, H5, and H6 with H1 being the highest and H6 being the smallest. For example, H1 tag must be opened <h1> and closed </h1> in order to function.
HTML <body> tag</body>	 The HTML <body> tag defines the main content of the HTML document or the section of the HTML document that will be directly visible on your web page. This tag is also commonly referred to as the <body> element.</body></body> Syntax: <body> Content of the body tag </body> The HTML <body> element is found within the <html> tag.</html></body> The most common elements to be placed in the HTML <body> tag are: <h1>, , <div>, tags.</div></h1></body>
HTML tag	 The HTML tag defines a paragraph in the HTML document. This tag is also commonly referred to as the element. Paragraphs are block-level elements, and notably will automatically close if another block-level element is parsed

Copyright © 2020 by Toppr Technologies Pvt. Ltd. All rights reserved. No part of this document may be distributed, or transmitted in any form or by any means, including photocopying, recording, or other electronic or mechanical methods, without the prior written permission of the publisher.

1



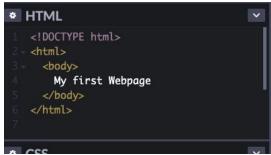
	<pre>before the closing tag. See "Tag omission" below.</pre>
	 The HTML element is found within the <body> tag.</body> It is the most commonly used block-level element. Paragraphs defined with the tag have extra spacing before and after the tag.
font styling	Styles help you write your texts in various different ways such that your webpage looks more appealing and your texts have colors, italics etc.

Activity links and Solutions

Student Activity 1: Codepen

#Activity 1: Create a simple webpage using HTML.

- 1. The <!Doctype >Declaration represents the document type, and helps browsers to display web pages correctly.
- 2. The visible part of the HTML document is between <body> and </body>.



Output:-

My first Webpage

Create different levels of headings.



```
* HTML

1 - <html>
2 - <body>
3 - <h1> This is heading 1 </h1>
4 - <h2> This is heading 2 </h2>
5 - <h3> This is heading 3 </h3>
6 - <h4> This is heading 4 </h4>
7 - <h5> This is heading 5 </h5>
8 - <h6> This is heading 6 </h6>
9 -  This is a paragraph. 
10 </body>
11 </hd>
```

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

This is a paragraph.

Create a webpage for Seven Wonders of the World.

Output:-

Seven Wonders of the World

This is a webpage that will tell us about the seven wonders of the world

1. Taj Mahal

write something here about taj mahal.

2. Great Wall of China

write here about the great wall of china

3. Number 3

write here about the the 3rd

4. Number 4

write here about the the 4th

5. Number 5

write here about the the 5th

6. Number 6



Change the colour of the heading.

Color tag here defines the color of our text that the particular tag will display.
 Syntax:

```
<h1 style="color:blue;">This is a heading</h1>This is a paragraph.
```

Output:

This is a Heading.

This is a paragraph.

To change the font style in HTML

- If you have used MS-Word, you must be knowing there are various different styles of writing texts.
- Font-family tag here defines the family of the text that the particular tag will display.

Syntax:

```
<h1 style="font-family:verdana;">This is the Verdana Font</h1>This is the courier font
```

Output:

This is the Verdana Font.

This is the courier font.

To align text in an HTML Document

To position the texts we use the tag text align.

Syntax:

```
<h1 style="text-align:center;" >Centered Heading</h1>
```



```
Centered paragraph.
Left paragraph.
Right paragraph.
```

Output:

Centered Heading

Centered Paragraph.

Left Paragraph.

Right Paragraph.

FunFacts

HTML can also be used to add meta information to a webpage. Meta information is information *about* the web page. For example, the name of the person who made it. Meta information is not usually shown by web browsers.