**Inline Elements**

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| --- | --- | --- |
| **<abbr>** | This is used to provide an abbreviation | <abbr title="Applied Communication Ink">ACI </abbr> rocks payment industry |
| **<bdo>** | Bidirectional text override  Supported values are  Rtl and ltr | <bdo dir="rtl">  Hi Right to Left text </bdo>  Ref- https://www.w3schools.com/tags/tag\_bdo.asp |
| <cite> | Used to define the creative work Few examples- song movie etc  When we use cite the text is rendered as italic | A <cite> Unified Payment Interface (UPI) </cite> is a smartphone application which allows users to transfer money between bank accounts. It is a single-window mobile payment system developed by the National Payments Corporation of India (NPCI). |
| **<code>** | This tag is used to represent the block of text for a code of any programming language  And is presented in a monospace font | <p>The HTML <code> a </code> tag defines a clickable Link.</p> |
| **<em>** | It is used to define an emphasized text | <em> Bangalore Royal Challengers in Emphasize text format</em> |
| **<i>** | This is used to define the font awesome icons and  Define plain text in italic format  The <i> and <span> elements are widely used to add icons. | <i> text is italic </i>  <i class="fas fa-shopping-cart"></i> |
| **<kbd>** | Kbd tag is used to define text which can be used as keyboard input and the text is rendered as a monospace | <span> <kbd>Ctrl</kbd> + <kbd>V</kbd> is a an option to paste the content.  </span> |
| **<label>** | This is used to defined label for various form elements | <label> Enter the Amount : </label> |
| **<map>** | This is used to define a image map. It is a content with different areas. Each area is a clickable element  Name is a required attribute for map  The map will consists of multiple independent area sub tags under it  Under img tag we need to have a usemap attribute which will point to the map created for clickable areas | <img src="planets.gif" width="145" height="126" alt="Planets" usemap="#planetmap">  <map name="planetmap">   <area shape="rect" coords="0,0,82,126" href="sun.htm" alt="Sun">   <area shape="circle" coords="90,58,3" href="mercur.htm" alt="Mercury">   <area shape="circle" coords="124,58,8" href="venus.htm" alt="Venus"> </map> |
| **<object>** | This is responsible for holding the external object | This is used to hold external image or html or other kind of plugins now not supported |
| **<outpour>** | Used to define an Output  Name = variable holding the output  For – attribute indicating relationship between the result element and input elements | <form oninput="x.value=parseInt(a.value)+parseInt(b.value)">  <input type="range" id="a" value="50">  +<input type="number" id="b" value="25">  =<output name="x" for="a b"></output>  </form> |
| **<q>** | **<q> element**indicates that the enclosed text is a short inline quotation. Most modern browsers implement this by surrounding the text in quotation marks | This tag is responsible for rendering the data in the format of the quotation  <q>Build a future where people live in harmony with nature.</q> We hope they succeed.</p> |
| **<samp>** | The **HTML Sample Element** (**<samp>**) is used to enclose inline text which represents sample (or quoted) output from a computer program. Its contents are typically rendered using the browser's default monospaced font (such as [Courier](https://en.wikipedia.org/wiki/Courier%20(typeface)) or Lucida Console). | <samp>Keyboard not found <br>Press F1 to continue</samp> |
| **<small>** | This tag is responsible for defining the text in small size format |  |
| **<strong>** | If there is any important text that has to be highlighted in a given text like paragraph or textual content  The content inside is typically displayed in **bold**. | <strong>This is a Strong Text </strong> |
| **<sub>** | This tag is responsible for having the text in a subscript format,  It is format which is responsible for having a smaller text on a continuous text | <span> Oxygen is represent as O<sub>2 </sub> in chemistry </span> |
| **<sup>** | This is used to represent the superscript in a HTML rendered content  The content will be represent as a smaller content | sup {   vertical-align: super;   font-size: smaller; }  <span>WSN discussion is present in the paper <sup>[1] </sup> .</span> |
| **<time>** | It is used to define a specific time  It has a datetime attribute which can take any kind of date along with time values as well if required | <time datetime="*YYYY-MM-DDThh:mm:ssTZD*">  Example - <span> PM birthday was on<time datetime="2020-09-21 20:00"> day</time>.</span> |

**Block Elements**

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| --- | --- | --- |
| Tag Name | Description | Exampel |
| P | Used to represent the paragraph | <p> This is paragraph1 </p>  <p> This is paragraph2 </p> |
| Div | division or a section in an HTML document.  Line breaks are put before and after div tag by the rendering engine in the browser |  |
| Ul | Un ordered List creation | ul.a {  list-style-type: circle;  }  ul.b {  list-style-type: square;  }  ol.c {  list-style-type: upper-roman;  }  ol.d {  list-style-type: lower-alpha;  } |
| Ol | Ordered List Creation |  |
| <dl> | **<dl>**element represents a description list. The element encloses a list of groups of terms (specified using the [<dt>](https://developer.mozilla.org/en-US/docs/Web/HTML/Element/dt) element) and descriptions (provided by [<dd>](https://developer.mozilla.org/en-US/docs/Web/HTML/Element/dd) elements). Common uses for this element are to implement a glossary or to display metadata (a list of key-value pairs). | <dl>  <dt>Beast of Bodmin</dt>  <dd>A large feline inhabiting Bodmin Moor.</dd>  <dt>Morgawr</dt>  <dd>A sea serpent.</dd>  <dt>Owlman</dt>  <dd>A giant owl-like creature.</dd>  </dl> |
| <pre> | 1. element is displayed in a fixed-width font, 2. the text preserves both spaces and line breaks. 3. The text will be displayed exactly as written in the HTML source code. | <pre> Text in a pre element is displayed in a fixed-width font, and it preserves both      spaces and line breaks </pre> |
| <hr> | Used to create a horizontal line | <hr/> |
| <blockquote> | This is used to represent the text is being referred or taken out from a specific source. Source can be a website url or any kind of paper whose reference can be mentioned using cite attribute  Also by default the HTML will provide indentation for the content which is present inside the block quote tag | <blockquote cite="https://www.jagranjosh.com/general-knowledge/ms-dhoni-biography-1594085953-1">  MS Dhoni Biography: Mahendra Singh Dhoni or MS Dhoni is an Indian International Cricketer who has recently retired from International Cricket.  He is the only captain in the history of cricket to have won all ICC trophies.  </blockquote> |
| <address> | This is a standard tag which is used to represent the contact information which can be Phone number, location, Website address  The contents of the address tag are by default italic | <address>  Phone no <a href=”mailto:aaquib.nawaz@aciworldwide.com”>  +91-7259268908  </a>  Bangalore India  </address> |

**Global Attributes in HTML**

class It is used for defining the look and feel of the element and is generally defined in an external style sheet

contenteditable can be applied to any element and its content will be editable when set to true

data-\* any kind of attributes which can be used for custom logic or can be used for automation

dir the direction of the text

draggable making an element draggable to a certain area

hidden to make an element visible or non-visible to end user

id a unique representation of the element

lang used for specific the language used for the text under the tag

spellcheck default browser grammar check

style inline style to be applied to the elements

tabindex tab order for the elements in the html

title alternative text to give description for the element

translate to specify while certain browsers engines provide translation whether it can be done or not