

HTML TAGS

PART 2

Extra Tag 1: <s></s>

The tag specifies text that is no longer correct, accurate or relevant.

```
<html>
```

```
<body>
```

```
<p><s> This is not our Homeland..</s></p>
```

```
<p>This is our Homeland... </p>
```

```
</body>
```

```
</html>
```

~~This is not our Homeland..~~

This is our Homeland...

Extra Tag 2: <dl></dl>

```
<html>
```

```
<body>
```

```
<dl>
```

```
<dt> Cricket </dt>
```

```
<dd> We love cricket </dd>
```

```
<dt> Football </dt>
```

```
<dd> We love football </dd>
```

```
</dl>
```

```
</body>
```

```
</html>
```

Cricket

We love cricket

Football

We love football

Extra Tag 3: <dt></dt>

```
<html>
```

```
<body>
```

```
<dl>
```

```
<dt> Cricket </dt>
```

```
<dd> We love cricket </dd>
```

```
<dt> Football </dt>
```

```
<dd> We love football </dd>
```

```
</dl>
```

```
</body>
```

```
</html>
```

Cricket

We love cricket

Football

We love football

Extra Tag 4: <small></small>

The tag defines smaller text (and other side comments).

```
<html>
```

```
<body>
```

```
<p> Green Bangladesh.. I love  
Bangladesh... </p>
```

```
<p><small> I live in Dhaka... </small></p>
```

```
</body>
```

```
</html>
```

Green Bangladesh.. I love Bangladesh...

I live in Dhaka...

Extra Tag 5: <abbr></abbr>

The tag defines an abbreviation or an acronym.

```
<html><head>
```

```
<title> Title of the document. </title>
```

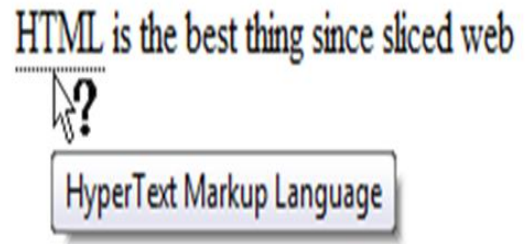
```
</head>
```

```
<body>
```

```
The <abbr title ="HyperText Markup Language">
```

```
HTML </abbr> is the best thing since sliced web.
```

```
</body></html>
```



Extra Tag 6: <label></label>

Defines a label for an <input> element

```
<html>
```

```
<body>
```

```
<input type="radio" name="gender" value="male">
```

```
Male<br>
```

```
<input type="radio" name="gender"
```

```
value="female"> Female<br>
```

```
<input type="radio" name="gender" value="other">Other<br>
```

```
<input type="submit" value="Submit">
```

```
</body>
```

```
</html>
```

☐ Male
☐ Female
☐ Other

Extra Tag 7: <bdi></bdi>

The tag isolates a part of text that might be formatted in a different direction from other text outside it.

```
<html>
```

```
<body>
```

```
<p>In the example below, usernames  
are shown along with number of  
points. If the bdi element is not  
supported in the browser , the  
username of the arabic</p>
```

In the example below, usernames are shown along with the supported in the browser, the username of the Arabic user \ put the colon and the number "90" next to the word "User"

- User hrefs: 60 points
- User jdoe: 80 points
- User إيان: 90 points

```
<ul>
```

```
<li> User <bdi>hrefs</bdi>: 60 points</li>
```

```
<li> User <bdi>jdoe</bdi>: 80 points</li>
```

```
</ul></body></html>
```

Extra Tag 8: <bdo></bdo>

The tag is used to override the current text direction.

```
<html>
```

```
<body>
```

```
<p> Green Bangladesh... </p>
```

```
<p><bdo>dir="rtl"> I love Bangladesh...
```

```
</bdo></p>
```

```
</body>
```

```
</html>
```

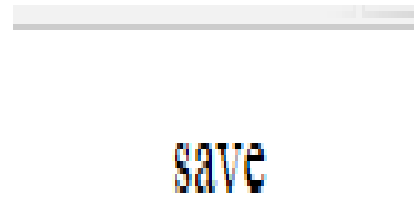
Green Bangladesh...

I love Bangladesh...

Extra Tag 9: <command></command>

Defines a command button that a user can invoke

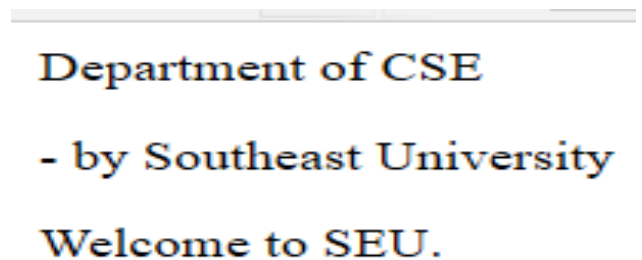
```
<head>
<script>
function save()
{
alert("some javascript....");
}</script></head>
<body>
<menu>
<command type="command" label="save" onclick="save()">
save</command>
</menu></body></html>
```



Extra Tag 10: <details></details>

Defines additional details that the user can view or hide

```
<html>
<body>
<details>
<summary> Department of CSE
</summary>
<p> - by Southeast University </p>
<p> Welcome to SEU.</p>
</details></body></html>
```



Extra Tag 11: <embed>

Defines a container for an external (non-HTML) application

```
<html>
```

```
<body>
```

```
<embed src="helloworld
```

```
</body>
```

```
</html>
```



Extra Tag 12:

The <sub> tag defines subscript text.

```
<html>
```

```
<body>
```

```
<p> Green <sub> subscript </sub>  
Bangladesh.</p>
```

```
<p> I Live in <sup> superscript</sup>  
Dhaka.</p>
```

```
</body>
```

```
<html>
```

Green _{subscript} Bangladesh.

I Live in ^{superscript} Dhaka.

Extra Tag 13:

The <sup> tag defines superscript text.

```
<html>
```

```
<body>
```

```
<p> Green <sub> subscript </sub> Bangladesh..</p>
```

```
<p> I Live in <sup> superscript</sup> Dhaka...</p>
```

```
</body>
```

```
<html>
```

Extra Tag 14: <menu></menu>

Defines a list/menu of commands

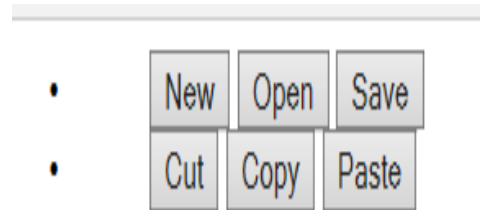
```
<html>
<body>
<menu type="toolbar">

<li>
<menu label="File">
<button type="button" onclick="file_new()"> New</button>
<button type="button" onclick="file_open()"> Open</button>
<button type="button" onclick="file_save()"> Save</button>
</menu>
</li>

<li>

<menu label="Edit">

<button type="button" onclick="file_cut()"> Cut</button>
<button type="button" onclick="file_copy()"> Copy</button>
<button type="button" onclick="file_paste()"> Paste</button>
</menu>
</li>
</menu>
</body>
</html>
```



Extra Tag 15: <form method=" "></form>

The method attribute specifies how to send form-data (the form-data is sent to the page specified in the action attribute).

```
<html>
<body>
<form action= "login.php" method="get"
target="_blank">
```

```
First name : <input type="text"
name="fname"><br>
```

```
Last name : <input type="text" name="lname"><br>
```

```
<button type="submit" value="Submit">Submit</button>
</form>
</body>
</html>
```

First name :

Last name :

Extra Tag 16: <link>

Defines the relationship between a document and an external resource.

```
<html>
```

```
<head>
```

```
<link rel="stylesheet" type="text/css"
href="styles.css">
```

```
</head>
```

```
<body>
```

```
<h1> Welcome to SEU </h1>
```

```
<p> CSE DEpartment! </p>
```

```
</body>
```

```
</html>
```

Welcome to SEU

CSE DEpartment!

Extra Tag 17: <figcaption></figcaption>

Defines a caption for a <figure> element

```
<html>
  <body>
    <figure>
      <imgsrc="img_pulpit.jpg" alt="The
      Pulpit Rock" width="304"
      height="228">
      <figcaption>Fig.1 - A view of the pulpit
      rock in Norway.</figcaption>
    </figure>
  </body>
</html>
```



Extra Tag 18: <footer></footer>

Defines footer for a document or section.

```
<html>  
<body>  
<footer>
```

Posted by: Shiddique Shuvo

```
<p> Posted by: ShiddiqueShuvo</p>
```

```
</footer>  
</body>  
</html>
```

Extra Tag 19: <hgroup></hgroup>

Groups heading (<h1> to <h6>) elements

```
<html>  
<body>  
<hgroup>
```

Welcome to SEU

A Journey to be united..

```
<h1> Welcome to SEU </h1>  
<h2> A Journey to be united..</h2>  
</hgroup>
```

Welcome to Dept of CSE

```
<p> Welcome to Dept of CSE </p>
```

```
</body>  
</html>
```

Extra Tag 20: <keygen>

<html>

<body>

Username : Encryption :

<form action="demo_keygen.asp"
method="get">

Username : <input type="text" name="user_name">

Encryption : <keygen name="security">

<button type="button">SUBMIT</button>

</form>

</body>

</html>

Extra Tag 21: <legend></legend>

```
<html>
```

```
<body>
```

```
<form>
```

```
<fieldset>
```

```
<legend>Personalia: </legend>
```

```
Name : <input type="text"><br>
```

```
Email : <input type="text"><br>
```

```
Date of Birth : <input type="text">
```

```
</fieldset>
```

```
</form>
```

```
</body>
```

```
</html>
```

A screenshot of a web browser displaying a form. The form has a title 'Personalia:' followed by a large rectangular box. Inside this box, there are three labels with corresponding input fields: 'Name:' followed by a text input field, 'Email:' followed by a text input field, and 'Date of Birth:' followed by a text input field. The input fields are stacked vertically.

Extra Tag 22: <mark></mark>

Defines marked/highlighted text.

```
<html>  
<body>
```

Do not forget to buy **Tea** today.

```
<p> Do not forget to buy <mark> Tea </mark>  
today.
```

```
</body>  
</html>
```

Extra Tag 23: <main></main>

The tag specifies the main content of a document.

```
<html>  
<body>  
<main>
```

Web Browsers

Google Chrome, Firefox, and Internet Explorer are the most used browsers today.

```
<h1> Web Browsers </h1>  
<p> Google Chrome, Firefox, and  
Internet Explorer are the most  
used browsers today. </p>
```

Google Chrome

Google chrome is a free, open-source web browser developed by Google, released in 2008.

```
<article>  
<h1> Google Chrome </h1>
```

```
<p> Google chrome is a free, open-source web browser developed by  
Google, released in 2008. </p>  
</article>
```

```
</main>
```

```
</body>
```

```
</html>
```

Extra Tag 24: `<param>`

The tag is used to define parameters for plugin.

```
<html>
```

```
<body>
```

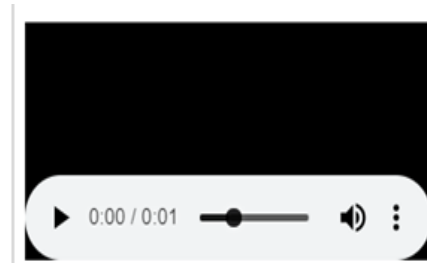
```
<object data="horse.wav">
```

```
<param name="autoplay" value="true">
```

```
</object>
```

```
</body>
```

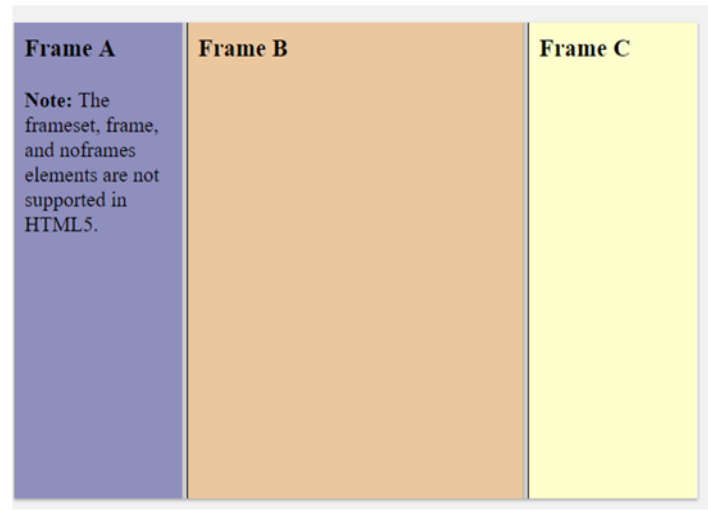
```
</html>
```



Extra Tag 25: <frame>

The tag defines one particular window (frame) within a <frameset>.

```
<html>
<frameset cols="25%, *,25%">
<frame src="frame_a.htm">
<frame src="frame_b.htm">
<frame src="frame_c.htm">
</frameset>
</html>
```



Extra Tag 26: <multicol></multicol>

The element was an experimental feature, now deprecated, that was used to create a newspaper-style layout for text content.

```
<html>
<body>
<h1> Breaking News</h1>
<multicol cols=3>
```

Breaking News

Bangladesh, to the east of India on the Bay of Bengal, is a South Asian country marked by lush greenery and many waterways.

Dhaka is the capital city of Bangladesh, in southern Asia.

```
<p> Bangladesh, to the east of India on the Bay of Bengal, is a South
Asian country marked by lush greenery and many waterways. </p>
```

```
<p> Dhaka is the capital city of Bangladesh, in southern Asia. </p>
</multicol>
```

```
</body>
</html>
```

Extra Tag 27: <section></section>

The tag defines sections in a document, such as chapters, headers, footers, or any other sections of the document.

```
<html>
<body>
<section>
```

```
<h1> SEU </h1>
<p> Welcome to Southeast
University.</p>
```

```
</section>
<section>
<h1> CSE Department </h1>
<p> Welcome to Computer Science & Engineering Department.</p>
</section></body></html>
```

SEU

Welcome to Southeast University.

CSE Department

Welcome to Computer Science & Engineering Department

Extra Tag 28: <small></small>

The tag defines smaller text

```
<html>
<body>
```

```
<p> Green Bangladesh..</p>
<p><small>We live in
Dhaka,Bangladesh..!! </small></p>
```

```
</body>
```

Green Bangladesh..

We live in Dhaka,Bangladesh..!!

</html>

Extra Tag 29:

The tag is a phrase tag. It defines important text.

<html>

<body>

<p> Southeast University. </p>

</body><html>

Southeast University.

Extra Tag 30: <blockquote></blockquote>

Defines a section that is quoted from another source

```
<html>
<body>
<h1> About WWF </h1>
<p> Here is a quote from WWF's website:
</p>
```

About WWF

Here is a quote from WWF's website:

The world's leading conservation organization, WWF works in 100 countries and is supported by 1.2 million members in the United States and close to 5 million globally.

```
<blockquote cite
="http://www.worldwildlife.org/who/index.html">
The world's leading conservation organization, WWF works in 100
countries and is supported by 1.2 million members in the United States
and close to 5 million globally.
```

```
</blockquote>
</body>
</html>
```

Extra Tag 31: <code></code>

Defines a piece of computer code

<html>

<body>

 Emphasized text

 Strong text

<dfn> definition text </dfn>

<code> A piece of computer code

</code>

<samp> Sample output from a computer program </samp>

<kbd> keyboard input </kbd>

<var> Variable </var>

</body>

</html>

Emphasized text

Strong text

definition text

A piece of computer code

Sample output from a computer program

keyboard input

Variable

Extra Tag 32: <details></details>

Defines additional details that the user can view or hide.

<html>

<body>

<details>

<summary> Green Bangladesh.

</summary>

<p>We live in Dhaka. </p>

<p> Dhaka is our capital city. </p>

</details></body></html>

Green Bangladesh.

We live in Dhaka.

Dhaka is our capital city.

Extra Tag 33: <meta>

Defines metadata about an HTML document.

```
<html>
<head>
```

```
<meta name="description"
content="Free, Web tutorials">
<meta name="keywords"
content="HTML, CSS, XML, Javascript">
<meta name="author" content="Stale Refsnes">
<meta charset="UTF-8">
```

All meta information goes in the head section

```
</head>
<body>
```

```
<p>All meta information goes in the head section... </p>
```

```
</body>
</html>
```

Extra Tag 34: <noscript></noscript>

The tag defines an alternate content for users that have disabled scripts in their browser or have a browser that doesn't support script.

```
<html>
<body>
<noscript> Green Bangladesh! </noscript>
<p>We live in Dhaka, Bangladesh. </p>
</body></html>
```

We live in Dhaka, Bangladesh.

Extra Tag 35: <optgroup></optgroup>

The tag is used to group related options in a drop-down list.

```
<html>
<body>
<select>
```



```
<optgroup label="Coffee">
<option value="long black
coffee">Long Black Coffee</option>
<option value="latte">Latte</option>
</optgroup>
```

```
<optgroup label="Tea">
<option value="milk tea">Milk Tea</option>
<option value="green tea">Green Tea</option>
</optgroup>
</select>
</body>
</html>
```

Extra Tag 36: <template></template>

The tag holds its content hidden from the client.

```
<html>
<body>
```

```
<h1>The template Tag </h1>
<p> Content inside a template tag is
hidden from the client. </p>
<template>
```

The template Tag

Content inside a template tag is hidden from the client.

```
<h2>Flower</h2>
<imgsrc="rose.jpg" width="214" height="204">
</template>

</body>
</html>
```

Extra Tag 37: <tt></tt>

The tag is used for marking up keyboard input, consider the <kbd>element.

```
<html>
<body>
<p>Green Bangladesh..</p>
<p><tt>This us our homeland..!!</tt></p>

</body>
</html>
```

Green Bangladesh..

This us our homeland..!!

Extra Tag 38: <basefont></basefont>

The tag specifies a default text-color, font-size, or font-family for all the text in a document.

```
<html>
<head>
<basefont color="red"
size="5">
</head>
<body>
```

Southeast University

Welcome to Computer science and Engineering.

```
<h1> Southeast University </h1>
<p> Welcome to Computer Science and
Engineering.</p></body></html>
```

Extra Tag 39: <isindex/>

The tag is an empty element, so the closing tag isn't required.

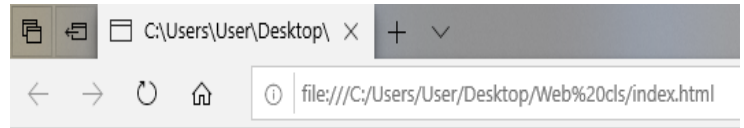
<html>

<head>

<isindex prompt="search a text" />

</head>

</html>



Extra Tag 40: <spacer></spacer>

The element is used to insert empty spaces on the web page both horizontally and vertically.

```
<html>
<head>
<title> Title of the document </title>
</head>
<body>
```

pageUp
Home * End
pageDown

```
<div style="display: block; text-align:center;">
pageUp
<br>
Home
<spacer type="block" width="100" height="100" align> *</spacer>
End
<br>
pageDown
</div>

</body>
</html>
```

Extra Tag 41: <blink></blink>

The tag is used to enclose a text to make it blink.

```
<html>
```

Welcome to Southeast University

```
<body>
```

```
<blink> Welcome to Southeast University </blink>
```

```
</body>
```

```
</html>
```

Extra Tag 42: <menuitem></menuitem>

A command/menu item that the user can invoke from a popup menu.

```
<html>
```

```
<body>
```

```
<div contextmenu="my-context-menu">
```

```
Right click here!
```

```
</div>
```

```
<menu id="my-context-menu" type="context">
```

```
<menuitemonclick="alert('Menu item pressed')">
```

```
My Menu Item!!!!
```

```
</menuitem>
```

```
</menu></body>
```

```
</html>
```

Right click here!

My Menu Item!!!!

Attribute: contextmenu

The context menu appears when a user right-clicks on the element.

```
<html>  
<body>
```

This paragraph has a context menu called "supermenu".

```
<p  
contextmenu="supermenu">This paragraph has a context menu called  
"supermenu". </p>
```

```
</body>  
</html>
```

Attribute: Contenteditable

Whether the content of an element is editable or not.

```
<html>  
<body>
```

This is paragraph.

```
<p contenteditable="true">This is paragraph.  
</p>
```

```
</body>  
</html>
```

Attributer: tabindex

Specifies the tabbing order of an element

```
<html>
```

```
<body>
```

```
<a href="http://www.html.com/"  
tabindex="2">Html</a><br>
```

```
<a href="http://www.google.com/" tabindex="1">Google</a><br>
```

```
<a href="http://www.microsoft.com/" tabindex="3">Microsoft</a>
```

```
</html>
```

[Html](#)
[Google](#)
[Microsoft](#)

Extra Tag 43: <plaintext>

The tag tells the browser, that its content must be displayed as an ordinary text without formatting.

```
<html>
```

```
<body>
```

```
<p> The Tag content looks like this:
```

```
</p>
```

```
<plaintext>
```

```
<h1> Main title of the  
document.</h1>
```

```
<p> First paragraph of the text.</p>
```

```
<h2>Subheading</h2>
```

```
</body></html>
```

The Tag content looks like this:

```
<h1> Main title of the document. </h1>
```

```
<p> First paragraph of the text. </p>
```

```
<h2>Subheading</h2>
```

```
</body>
```

```
</html>
```


Attributer: spellcheck

Specifies whether the element is to have its spelling and grammar checked or not.

```
<html>
<body>
<p contenteditable="true"
spellcheck="true"> You Can Fill Up
</p>
First name : <input type ="text"
name="female" spellcheck="true">
</body></html>
```

You Can Fill Up

First name :

HTML Attribute: ID

The **id** attribute specifies a unique id for an HTML element .

<style>

```
#Header {  
  background-color: black;  
  color:yellow;  
  padding: 50px;  
}  
</style>
```

```
<h1 id="Header">20161000000065</h1>
```

Result : **20161000000065**

Some Other Useful HTML Character Entities

Note: Entity names are case sensitive.

Result	Description	Entity Name	Entity Number
	non-breaking space	 	
<	less than	<	<
>	greater than	>	>
&	ampersand	&	&
"	double quotation mark	"	"
'	single quotation mark (apostrophe)	'	'
¢	cent	¢	¢
£	pound	£	£
¥	yen	¥	¥
€	euro	€	€
©	copyright	©	©
®	registered trademark	®	®

Checkbox Button Input:

```
<!DOCTYPE html>
```

```
<html><body>
```

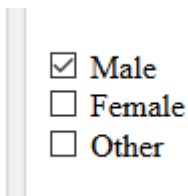
```
<form>
```

```
<input type="checkbox" name="gender" value="male" checked>  
Male<br>
```

```
<input type="checkbox" name="gender" value="female"> Female<br>
```

```
<input type="checkbox" name="gender" value="other">Other
```

```
</form></body></html>
```



☒ Male
☐ Female
☐ Other

****Here are the different input types you can use in HTML****

--You can change just input type to see different output :

- `<input type="button">`
- `<input type="checkbox">`
- `<input type="color">`
- `<input type="date">`
- `<input type="datetime-local">`
- `<input type="email">`
- `<input type="file">`
- `<input type="hidden">`
- `<input type="image">`
- `<input type="month">`
- `<input type="number">`
- `<input type="password">`
- `<input type="radio">`
- `<input type="range">`
- `<input type="reset">`
- `<input type="search">`
- `<input type="submit">`
- `<input type="tel">`
- `<input type="text">`
- `<input type="time">`
- `<input type="url">`
- `<input type="week">`

**** The read only Attribute ****

```
<!DOCTYPE html>
<html>
<body>

<form action="">
First name:<br>
<input type="text" name="firstname" value ="John" readonly>
<br>
Last name:<br>
<input type="text" name="lastname">
</form>

</body>
</html>
```

First name:

John

Last name:

****The Disabled Attribute ****

```
<!DOCTYPE html>
<html>
<body>
<form action="">
First name:<br>
<input type="text" name="firstname" value ="John" disabled>
<br>
Last name:<br>
<input type="text" name="lastname">
</form>

</body>
</html>
```

First name:

John

Last name:

****HTML5 Attributes ****

HTML5 added the following attributes for `<input>`:

- autocomplete
- autofocus
- form
- formaction
- formenctype
- formmethod
- formnovalidate
- formtarget
- height and width
- list
- min and max
- multiple
- pattern (regexp)
- placeholder
- required
- step

Given link to learn

https://www.w3schools.com/html/html_form_attributes.asp

**** HTML <svg> Tag ****

The <svg> tag defines a container for SVG graphics.

```
<!DOCTYPE html>
<html>
<body>

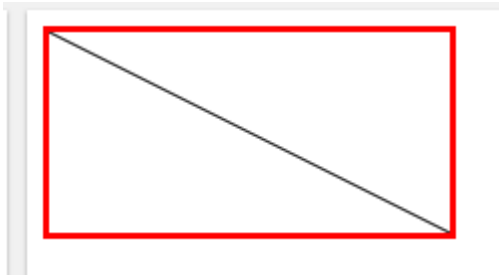
<svg width="100" height="100">
<circle cx="50" cy="50" r="40" stroke="green" stroke-width="4"
fill="yellow" />
</svg>
</body>
</html>
```



Canvas Examples:

```
<!DOCTYPE html>
<html>
<body>
<canvas id="myCanvas" width="200" height="100" style="border:3px
solid red;">
</canvas>
<script>
var c = document.getElementById("myCanvas");
var ctx = c.getContext("2d");
ctx.moveTo(0,0);
ctx.lineTo(200,100);
ctx.stroke();
```

```
</script>  
</body>  
</html>
```



****HTML <ins>Tag ****

The <ins> tag defines a text that has been inserted into a document.

```
<!DOCTYPE html>  
<html>  
<body>  
  
<p>My favorite color is <ins>red</ins>!</p>  
  
</body>  
</html>
```

My favorite color is red!

****HTML <map>Tag ****

The <map> tag is used to define a client-side image-map. An image-map is an image with clickable areas.

```
<!DOCTYPE html>
```

```
<html>
```

```
<body>
```

```
<p>Click on the sun or on one of the planets to watch it closer:</p>
```

```
<imgsrc="planets.gif" width="145" height="126" alt="Planets"
usemap="#planetmap">
```

```
<map name="planetmap">
```

```
<area shape="rect" coords="0,0,82,126" alt="Sun" href="sun.htm">
```

```
<area shape="circle" coords="90,58,3" alt="Mercury"
href="mercur.htm">
```

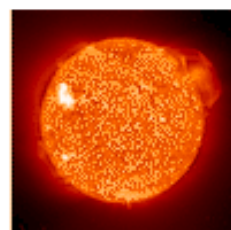
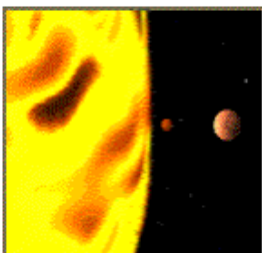
```
<area shape="circle" coords="124,58,8" alt="Venus"
href="venus.htm">
```

```
</map>
```

```
</body>
```

```
</html>
```

Click on the sun or on one of the planets to watch it closer:



****HTML <meter>Tag ****

The <meter> tag defines a scalar measurement within a known range, or a fractional value. This is also known as a gauge.

```
<!DOCTYPE html>
<html>
<body>
<p>Display a gauge:</p>
<meter value="2" min="0" max="10">2 out of 10</meter><br>
<meter value="0.6">60%</meter>
</body>
</html>
```



****HTML Tag ****

The tag is used to group inline-elements in a document.

```
<!DOCTYPE html>
```

```
<html>
```

```
<body>
```

```
<p>My mother has <span style="color:blue;font-  
weight:bold">blue</span> eyes and my father has <span  
style="color:darkolivegreen;font-weight:bold">dark green</span>  
eyes.</p>
```

```
</body>
```

```
</html>
```

My mother has **blue** eyes and my father has **dark green** eyes.

****HTML <var>,<kbd>&<samp>Tag****

The <var> tag is a phrase tag. It defines a variable.

```
<!DOCTYPE html>
<html>
<body>
<samp>Sample output from a computer program</samp><br>
<kbd>Keyboard input</kbd><br>
<var>Variable</var>
</body>
</html>
```

Sample output from a computer program
Keyboard input
Variable

****HTML <dialog>Tag ****

The <dialog> tag defines a dialog box or window.

```
<!DOCTYPE html>
<html>
<head>
<style>
table, th, td, dialog {
border: 1px dotted red;
width:100px;
}
```

```

</style>
</head>
<body>
<table>
<tr>
<th>January <dialog open>This is an opendialog window</dialog></th>
<th>February</th>
<th>March</th>
</tr>
<tr>
<td>31</td>
<td>28</td>
<td>31</td>
</tr></table></body></html>

```



January	February	March
31	28	31

**This is an
open dialog
window**

****HTML <datalist>Tag****

The <datalist> tag specifies a list of pre-defined options for an <input> element.

```
<!DOCTYPE html>
<html>
<body>

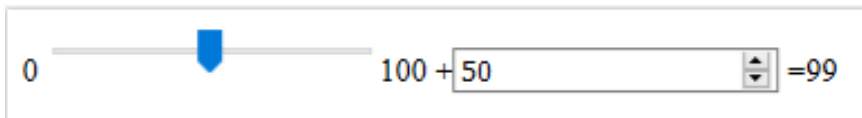
<form action="/action_page.php" method="get">
<input list="browsers" name="browser">
<datalist id="browsers">
<option value="Internet Explorer">
<option value="Firefox">
<option value="Chrome">
<option value="Opera">
<option value="Safari">
</datalist>
<input type="submit">
</form>
</body>
</html>
```

A screenshot of a web form. It features a single-line text input field with a light gray border. To the right of the input field is a button with a gray background and the text "Submit Query" in a dark font. The entire form is set against a light gray background.

****HTML <output>Tag****

The <output> tag represents the result of a calculation (like one performed by a script).

```
<!DOCTYPE html>
<html>
<body>
<form oninput="x.value=parseInt(a.value)+parseInt(b.value)">0
<input type="range" id="a" value="50">100
+<input type="number" id="b" value="50">
=<output name="x" for="a b"></output>
</form>
</body>
</html>
```



0 100 + 50 =99

****HTML Form Validation****

Note : Use the (required) attribute for HTML Validation.

```
<!DOCTYPE html>
<html>
<body>

<h2>HTML Validation</h2>
<form action="">
  ID<input type="text" name="id" required>
  <input type="submit" value="Submit">
</form>

</body>
</html>
```

HTML Validation

ID

****HTML Autocomplete/Autofocus attribute****

autocomplete attribute is “on” that means automatically complete the values that has users before entered in the inputbox.

```
<!DOCTYPE html>
<html>
<body>
<h2>HTML Validation</h2>
<form action="">
  Name<input type="text" name="name" required autocomplete="on">
  <input type="submit" value="Submit">
</form>
</body>
</html>
```



The screenshot shows a web browser window with a title bar. Inside, the page has a heading "HTML AutoComplete attribute" in a bold, serif font. Below the heading is a form with a label "Name" followed by a text input field. To the right of the input field is a button labeled "Submit".

****HTML Set-Value attribute****

The value is set by the users. User can write the value in the inputbox , if needed user can edit the value but the value is required. Empty filled are not allowed.

```
<!DOCTYPE html>
<html>
<body>
<h2>HTML Set value attribute</h2>
<form action="">
  Name<input type="text" name="name" value="faisal" required>
  <input type="submit" value = "Submit">
</form>
</body>
</html>
```

HTML Set value attribute

Name

****HTML Number Validation****

Use the regular expression to validate HTML Form. User are needed at least two digit number to submit the value ,(string or other character are not allowed).

```
<!DOCTYPE html>
<html>
<body>
<h2>HTML Number Validation</h2>
<form action="">
  Number<input type="number" name="n1" pattern=".{2,}" required>
  <input type="submit" value="Submit">
</form>
</body>
</html>
```

HTML Number Validation

Number

****HTML String Validation****

Use the regular expression to string match the string. User can only submit the string type value .The string should be at least 1 character or less than 19 Character are allowed.

```
<!DOCTYPE html>
<html>
<body>
<h2>HTML String Validation</h2>
<form action="">
String<input type="text" name="s1" pattern="[A-Za-z]{1,19}" required>
<input type="submit" value="Submit">
</form>
</body>
</html>
```

HTML String Validation

String

****HTML Hidden attribute****

The Hidden attribute are used to hide the input. If user are not used the hidden attribute then the input are showing.

```
<!DOCTYPE html>
<html>
<body>

<h2>HTML Hidden attribute</h2>
<form action="">
  ID<input type="hidden" name="h1" >
  <input type="submit" value="Submit">
</form>

</body>
</html>
```

HTML Hidden attribute

ID

HTML Show attribute

ID

****HTML Background Color****

To style the inputbox , Here we used background color is black , the text color is white and set the width and height for the inputbox.

```
<!DOCTYPE html>
<html>
<body>

<h2>HTML Background style for Input</h2>
<form action="">
  Name <input type="text" name="h1" style="background:black;
color:white; height:30px; width:250px;font-size:27px;" >
  <input type="submit" value="Submit">
</form>

</body>
</html>
```

HTML Background style for Input

Name

HTML Background style for Input

Name

****HTML Input Types Password****

The input type="password" defines a password field:

```
<!DOCTYPE html>
<html>
<body>
<h2>Password field</h2>
<form action="">
Password:<input type="password" name="ps">
</form>
</body>
</html>
```

Password field

Password:

****Marquee Tag Used****

The <marquee> tag is a container tag of HTML is implemented for creating scrollable text or images within a web page.

The marquee tag is used in 4 direction which is left, right, top and bottom. Here is the example.

```
<!DOCTYPE html>
<html>
<head>
</head>
<body>
<marquee direction="right">Bangladesh is a beautiful
country</marquee>
</body>
</html>
```

The Text will moving right side because direction is right.

Bangladesh is a beautiful country

****HTML Bdo Tag****

The bdo Tag is used in direction to the text that means if we read a text form right to left then the tag is used.

```
<!DOCTYPE html>
<html>
<head>
</head>
<body>
<bdodir="rtl">Bangladesh is a beautiful country</bdo>
</body>
</html>
```

yrtnuoc lufituaeb a si hsedalgnab

TABLE

<i>Tags</i>	<i>Uses</i>
1. <s>	text is no longer correct
2. <dl >	start new line with a gap in front
4. <small>	define smaller tag
5. <abbr >	for abbreviation
6. <label>	defines a label for an input
7. <bdi >	Isolates a part of text
8. <bdo>	overwrite the current text direction
9. <command>	defines a command button
12. <sub>	defines subscript text
13. <sup >	defines superscript text
14. <menu>	menu commands
15. <link>	relationship between a document and an external resource
17. <figcaption>	a caption for a figure element
18. <footer>	footer for a document or section
19. <hgroup>	groups heading
22. <mark>	defines marked text
23. <main>	specifies main content
24. <param >	define parameters plugin
25. <frame >	one particular window within a frameset
27. <section>	define sections in a document

30. <blockquote>	defines a section that is quoted from another source
31. <code >	defines a piece of computer code
32. <details>	defines additional details

33. <meta>	defines metadata
35.< optgroup >	group related options
36. <template>	content hidden from the client
37. <tt >	marking up keyboard input
40. <spacer>	insert empty spaces
41. <blink>	inclose a text