



# HTML

Hypertext Markup Language, a standardized system for tagging text files to achieve font, colour, graphic, and hyperlink effects on World Wide Web pages.

HTML stands for **Hyper Text Markup Language**

HTML is the **standard markup** language for Web pages

HTML **elements** are the building blocks of HTML pages

HTML elements are represented by **<> tags**

## Section 1: Structure

```
<!DOCTYPE html>
```

```
<html>
```

```
<head>
```

```
<title>Page Title</title>
```

```
</head>
```

```
<body>
```

```
</body>
```

```
</html>
```

<p>If your browser supports bi-directional override (bdo), the next line will be written from right to left (rtl):</p>



## Section 2 : Text

### Headings

<h1>This is heading 1</h1>

<h2>This is heading 2</h2>

<h3>This is heading 3</h3>

<p>This is a paragraph.</p>

<p>This is another paragraph.</p>

<a >This is a link</a>

<p>This is how we make a word appear <b>bold.</b> </p> <p>Inside a product description you might see some <b>key features</b> in bold.</p>

<p>On the 4<sup>th</sup> of September you will learn about E=MC<sup>2</sup>.</p> <p>The amount of CO<sub>2</sub> in the atmosphere grew by 2ppm in 2009<sub>1</sub>.</p>

### Line Breaks & Horizontal Rules

<p>The Earth<br />gets one hundred tons heavier every day<br />due to falling space dust.</p>

<p>Venus is the only planet that rotates clockwise.</p> <hr /> <p>Jupiter is bigger than all the other planets combined.</p>

### Strong & Emphasis

<p><strong>Beware:</strong> Pickpockets operate in this area.</p> <p>This toy has many small pieces and is <strong>not suitable for children under five years old. </strong></p>

<p>I <em>think</em> Ivy was the first.</p> <p>I think <em>Ivy</em> was the first.</p> <p>I think Ivy was the <em>first</em>.</p>

### Abbreviations & Acronyms

<p> <abbr title="Desk work solutions">Prof </abbr> Desk Work Solutions</p> <p><acronym title="National Aeronautics and Space Administration">NASA</acronym> do some crazy space stuff.</p>



## Citations

<p><cite>The Scream</cite> by Edward Munch. Painted in 1893.</p>

## Address

<address>

Written by <a href="mailto:SaroshAhmed622@gmail.com">Jon Doe</a>.<br>

Visit us at:<br>

Example.com<br>

Box 564, Disneyland<br>

USA</address>

## Changes to content

<p>It was the <del>worst</del> <ins>best</ins> idea she had ever had.</p>

## Sections 3: Lists

- **Ordered lists** are lists where each item in the list is numbered. For example, the list might be a set of steps for a recipe that must be performed in order, or a legal contract where each point needs to be identified by a section number.
- **Unordered lists** are lists that begin with a bullet point (rather than characters that indicate order).
- **Definition lists** are made up of a set of terms along with the definitions for each of those terms

## Ordered Lists

<ol>

<li>Chop potatoes into quarters</li>

<li>Simmer in salted water for 15-20 minutes until tender</li>

<li>Heat milk, butter and nutmeg</li>

<li>Drain potatoes and mash</li>



<li>Mix in the milk mixture</li>

</ol>

## Unordered Lists

<ul>

<li>1kg King Edward potatoes</li>

<li>100ml milk</li>

<li>50g salted butter</li>

<li>Freshly grated nutmeg</li>

<li>Salt and pepper to taste</li>

</ul>

## Definition lists

<dl>

<dt>Sashimi</dt>

<dd>Sliced raw fish that is served with condiments such as shredded daikon radish or ginger root, wasabi and soy sauce</dd>

<dt>Scale</dt>

<dd>A device used to accurately measure the weight of ingredients</dd> <dd>A technique by which the scales are removed from the skin of a fish</dd>

<dt>Scamorzo</dt>

<dd>An Italian cheese usually made from whole cow's milk (although it was traditionally made from buffalo milk)</dd>

</dl>

<ul>

<li>Mousses</li>

<li>Pastries



```
<ul>

  <li>Croissant</li>

  <li>Mille-feuille</li>

  <li>Palmier</li>

  <li>Profiterole</li>

</ul>

</li>

  <li>Tarts</li>

</ul>
```

## Section 4: Links

```
<p>

<ul>

  <li><a href="index.html">Home</a>

</li>  <li><a href="about-us.html">About</a></li>

  <li><a href="movies.html">Movies</a></li>

  <li><a href="contact.html">Contact</a></li>

</ul>

</p>
```

### Linking to a Specific Part of Another Page

```
<h1 id="top">Film-Making Terms</h1> <a href="#arc_shot">Arc Shot</a><br /> <a
href="#interlude">Interlude</a><br /> <a href="#prologue">Prologue</a><br /><br /> <h2
id="arc_shot">Arc Shot</h2> <p>A shot in which the subject is photographed by an encircling or
moving camera</p> <h2 id="interlude">Interlude</h2> <p>A brief, intervening film scene or
sequence, not specifically tied to the plot, that appears within a film</p> <h2
id="prologue">Prologue</h2> <p>A speech, preface, introduction, or brief scene preceding the
the main action or plot of a film; contrast to epilogue</p> <p><a href="#top">Top</a></p>
```



## Section 5: Images

`<p>There are around 10,000 living species of birds that inhabit different ecosystems from the Arctic to the Antarctic. Many species undertake long distance annual migrations, and many more perform shorter irregular journeys.</p> <hr />`

`<p>There are around 10,000 living species of birds that inhabit different ecosystems from the Arctic to the Antarctic. Many species undertake long distance annual migrations, and many more perform shorter irregular journeys.</p>`

`<p>There are around 10,000 living species of birds that inhabit different ecosystems from the Arctic to the Antarctic. Many species undertake long distance annual migrations, and many more perform shorter irregular journeys.</p> <hr />`

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`<p>There are around 10,000 living species of birds that inhabit different ecosystems from the Arctic to the Antarctic. Many species undertake long distance annual migrations, and many more perform shorter irregular journeys.</p>`

## Section 6 :Tables

```
<table>

<tr>

<td>15</td> <td>15</td> <td>30</td>

</tr>

<tr> <td>45</td> <td>60</td> <td>45</td>

</tr>
```



```
<tr> <td>60</td> <td>90</td> <td>90</td>
```

```
</tr>
```

```
</table>
```

```
<table>
```

```
<tr>
```

```
<th></th>
```

```
<th>Saturday</th>
```

```
<th>Sunday</th> </tr>
```

```
<tr>
```

```
<th>Tickets sold:</th>
```

```
<td>120</td> <td>135</td>
```

```
</tr>
```

```
<tr>
```

```
<th>Total sales:</th> <td>$600</td> <td>$675</td>
```

```
</tr>
```

```
</table>
```

```
<table> <tr> <th></th> <th>9am</th> <th>10am</th> <th>11am</th> <th>12am</th> </tr>
<tr> <th>Monday</th> <td colspan="2">Geography</td> <td>Math</td> <td>Art</td> </tr>
<tr> <th>Tuesday</th> <td colspan="3">Gym</td> <td>Home Ec</td> </tr> </table>
```

```
<table> <tr> <th></th> <th>ABC</th> <th>BBC</th> <th>CNN</th> </tr> <tr> <th>6pm -
7pm</th> <td rowspan="2">Movie</td> <td>Comedy</td> <td>News</td> </tr> <tr>
<th>7pm - 8pm</th> <td>Sport</td> <td>Current Affairs</td> </tr> </table>
```



```
<table> <thead> <tr> <th>Date</th> <th>Income</th> <th>Expenditure</th> </tr> </thead>
<tbody> <tr> <th>1st January</th> <td>250</td> <td>36</td> </tr> <tr> <th>2nd
January</th> <td>285</td> <td>48</td> </tr> <!-- additional rows as above --> <tr> <th>31st
January</th> <td>129</td> <td>64</td> </tr> </tbody> <tfoot> <tr> <td></td>
<td>7824</td> <td>1241</td> </tr> </tfoot> </table>
```

## Section 7: Forms

```
<form > <p>Username: <input type="text" name="username" size="15"  maxlength="30" /> </p>
</form>
```

```
<form action="http://www.example.com/login.php"> <p>Username: <input type="text"
name="username" size="15"  maxlength="30" /> </p> <p>Password: <input type="password"
name="password" size="15"  maxlength="30" /> </p>
```

```
</form>
```

```
<form action=" ">
```

```
<p>What did you think of this gig?</p> <textarea name="comments" cols="20" rows="4">Enter
your comments...</textarea>
```

```
</form
```

```
<form >
```

```
<p>Please select your favorite genre: <br /> <input type="radio" name="genre" value="rock"
checked="checked" /> Rock <input type="radio" name="genre" value="pop" /> Pop <input
type="radio" name="genre" value="jazz" /> Jazz </p>
```

```
</form>
```

```
<form > <p>Please select your favorite music service(s): <br /> <input type="checkbox"
name="service"  value="itunes" checked="checked" /> iTunes <input type="checkbox"
name="service"  value="lastfm" /> Last.fm <input type="checkbox" name="service"
value="spotify" /> Spotify </p> </form>
```





```
<form > <p>What device do you listen to music on?</p> <select name="devices"> <option value="ipod">iPod</option> <option value="radio">Radio</option> <option value="computer">Computer</option> </select> </form>
```

```
<input type="button" aria-label="Search" value="as"><br>
<input type="checkbox" aria-label="Search"><br>
<input type="color" aria-label="Search"><br>
<input type="date" aria-label="Search"><br>
<input type="email" aria-label="Search"><br>
<input type="file" aria-label="Search"><br>
<input type="hidden" aria-label="Search"><br>
<input type="image" aria-label="Search"><br>
<input type="month" aria-label="Search"><br>
<input type="number" aria-label="Search"><br>
<input type="password" aria-label="Search"><br>
<input type="radio" aria-label="Search"><br>
<input type="range" aria-label="Search"><br>
<input type="reset" aria-label="Search"><br>
<input type="search" aria-label="Search"><br>
<input type="submit" aria-label="Search"><br>
<input type="tel" aria-label="Search"><br>
<input type="time" aria-label="Search"><br>
<input type="url" aria-label="Search"><br>
<input type="week" aria-label="Search"><br>
```



```
<fieldset> <legend>Contact details</legend> <label>Email:<br /> <input type="text" name="email"
/></label><br /> <label>Mobile:<br /> <input type="text" name="mobile" /></label><br />
<label>Telephone:<br /> <input type="text" name="telephone" /></label> </fieldset>
```

## IFRAMES

```
<iframe src="http://maps.google.co.uk/maps?q=moma+new+york &amp;output=embed"
width="450" height="350" frameborder="0" scrolling="no"> </iframe>
```

<	Less-than sign &lt; #60;	¢	Cent sign &cent; #162;	‘	Left single quote &lquo; #8216;
>	Greater-than sign &gt; amp;	£	Pound sign &pound; #163;	’	Right single quote &rsquo; #8217;
&	Ampersand &amp; #38;	¥	Yen sign &yen; #165;	“	Left double quotes &ldquo; #8220;
”	Quotation mark &quot; #34;	€	Euro sign &euro; #8364;	”	Right double quotes &rdquo; #8221;
		©	Copyright symbol &copy; #169;	×	Multiplication sign &times; #215;
		®	Registered trademark &reg; #174;	÷	Division sign &divide; #247;
		™	Trademark &trade; #8482;		



## Section 8: Flash, Video & Audio

<h1>video</h1>

<video width="320" height="240" controls>

<source src="movie.mp4" type="video/mp4">

</video>

<h1>Audio</h1>

<audio controls>

<source src="horse.ogv" type="audio/ogg">

</audio>