

```

1) <!DOCTYPE html>
2) <html>
3) <head>
4) <body>
5) <h1>
6) <p>
7) <br>
8) <a href="https://www.w3schools.com">This is a link</a>
9) <body style="background-color:powderblue;">

```

Formatting elements were designed to display special types of text:

- **** - Bold text
- **** - Important text
- **<i>** - Italic text
- **** - Emphasized text
- **<mark>** - Marked text
- **<small>** - Small text
- **** - Deleted text
- **<ins>** - Inserted text
- **<sub>** - Subscript text
- **<sup>** - Superscript text
- **<!-- Write your comments here -->**
- **<h1 style="background-color:DodgerBlue;">Hello World</h1>**
- **<p style="background-color:Tomato;">Lorem ipsum...</p>**
- **<h1 style="border:2px solid Tomato;">Hello World</h1>**
- **<h1 style="border:2px solid DodgerBlue;">Hello World</h1>**
- ****
- **<div style="background-image: url('img_girl.jpg');">**
- Show different images on different screen sizes:
- **<picture>**

```

        <source media="(min-width: 650px)" srcset="img_food.jpg">
        <source media="(min-width: 465px)" srcset="img_car.jpg">
        
    </picture>

```
- An HTML table is defined with the **<table>** tag.
- Each table row is defined with the **<tr>** tag. A table header is defined with the **<th>** tag. By default, table headings are bold and centered. A table data/cell is defined with the **<td>** tag.

Example

```

• <table style="width:100%">
    <tr>
        <th>Firstname</th>
        <th>Lastname</th>
        <th>Age</th>
    </tr>
    <tr>
        <td>Jill</td>
        <td>Smith</td>
        <td>50</td>
    </tr>
    <tr>
        <td>Eve</td>
        <td>Jackson</td>
    </tr>

```

```
<td>94</td>
</tr>
</table>
```

- Example 2:

```
<!DOCTYPE html>

<html>
  <head>
    <style>
      table, th, td {
        border: 1px solid black;
      }
    </style>
  </head>
  <body>
    <h2>Bordered Table</h2>
    <p>Use the CSS border property to add a border to the table.</p>
    <table style="width:100%">
      <tr>
        <th>Firstname</th>
        <th>Lastname</th>
        <th>Age</th>
      </tr>
      <tr>
        <td>Jill</td>
        <td>Smith</td>
        <td>50</td>
      </tr>
      <tr>
        <td>Eve</td>
```

```
<td>Jackson</td>  
<td>94</td>  
</tr>  
  
<tr>  
<td>John</td>  
<td>Doe</td>  
<td>80</td>  
</tr>  
  
</table>  
</body>  
</html>
```

Unordered HTML List

An unordered list starts with the [](#) tag. Each list item starts with the [](#) tag.

The list items will be marked with bullets (small black circles) by default:

Example

```
<!DOCTYPE html>  
<html>  
<body>  
  
<h2>An unordered HTML list</h2>  
  
<ul>  
<li>Coffee</li>  
<li>Tea</li>  
<li>Milk</li>  
</ul>  
  
</body>  
</html>
```

The <div> Element

The `<div>` element is often used as a container for other HTML elements.

The `<div>` element has no required attributes, but `style`, `class` and `id` are common.

When used together with CSS, the `<div>` element can be used to style blocks of content:

Example

```
<div style="background-color:black;color:white;padding:20px;">
  <h2>London</h2>
  <p>London is the capital city of England. It is the most populous city in
the United Kingdom, with a metropolitan area of over 13 million
inhabitants.</p>
```

HTML Video

```
<!DOCTYPE html>

<html>

<body>

<video width="400" controls>

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

<source src="mov_bbb.ogg" type="video/ogg">

Your browser does not support HTML5 video.

</video>

<p>

Video courtesy of

<a href="https://www.bigbuckbunny.org/" target="_blank">Big Buck Bunny</a>.

</p>

</body>
```

The HTML <audio> Element

To play an audio file in HTML, use the `<audio>` element:

Example

```
<audio controls>
  <source src="horse.ogg" type="audio/ogg">
  <source src="horse.mp3" type="audio/mpeg">
```

Example:

```
<!DOCTYPE html>

<html>

<body>

-----
<audio controls>
  <source src="horse.ogg" type="audio/ogg">
  <source src="horse.mp3" type="audio/mpeg">

Your browser does not support the audio element.

</audio>

</body>

</html>
```

Playing a YouTube Video in HTML

To play your video on a web page, do the following:

- Upload the video to YouTube
- Take a note of the video id
- Define an `<iframe>` element in your web page
- Let the `src` attribute point to the video URL
- Use the `width` and `height` attributes to specify the dimension of the player
- Add any other parameters to the URL (see below)

Example - Using iFrame (recommended)

```
<iframe width="420" height="315"
src="https://www.youtube.com/embed/tgbNymZ7vqY">
</iframe>

<!DOCTYPE html>

<html>

<body>

<iframe width="420" height="345" src="https://www.youtube.com/embed/tgbNymZ7vqY">
</iframe>

</body>

</html>
```