

1. **HTML Boilerplate:**

This is the basic html boilerplate code

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Document</title>
</head>
<body>

</body>
</html>
```

2. **Headings**

There are six headings available in HTML, H1 is the largest among all, and H6 is the smallest.

**<h1> Tag**

```
<h1>Heading 1</h1>
```

**<h2> Tag**

```
<h2>Heading 2</h2>
```

**<h3> Tag**

```
<h3>Heading 3</h3>
```

**<h4> Tag**

```
<h4>Heading 4</h4>
```

**<h5> Tag**

```
<h5>Heading 5</h5>
```

**<h6> Tag**

```
<h6>Heading 6</h6>
```

3. **Container**

Container tags are the tags that contain some data such as text, image, etc. There are several container tags in HTML.

**<div> tag**

div tag or division tag is used to make blocks or divisions in the document.

```
<div>This is div block</div>
```

**<span> tag**

span is a container for inline content

```
<span>This is span block</span>
```

**<p> tag**

Paragraph

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

**<pre> tag**

pre tag represents pre-formatted text

```
<pre>Hello World</pre>
```

**<code> tag**

code tag is used to represent source codes

```
<code>import python</code>
```

## 4. Text Formatting

Text formatting tags are used to format text or data of HTML documents. You can do certain things like creating italic, bold, strong text to make your document look more attractive and understandable.

### **<b> tag**

```
<b>I'm bold text</b>
```

### **<strong> tag**

```
<strong>I'm important text</strong>
```

### **<i> tag**

```
<i>I'm italic text</i>
```

### **<em> tag**

```
<em>Emphasized text</em>
```

### **<sub> tag**

```
<sub>Subscript</sub>
```

### **<sup> tag**

```
<sup>Superscript</sup>
```

## 5. Lists

Lists can be either numerical, alphabetic, bullet, or other symbols. You can specify list type and list items in HTML for the clean document.

### **<ol> tag**

Ordered list starts with <ol> tag and each list item starts with <li> tag

```
<ol>
  <li>Data 1</li>
  <li>Data 2</li>
  <li>Data 3</li>
</ol>
```

### **<ul> tag**

Unordered list starts with <ul> tag and each list item starts with <li>tag

```
<ul>
  <li>Your Data</li>
  <li>Your Data</li>
</ul>
```

## 6. Media

Media is anything that is present in digital form such as image, video, audio, etc.

### **<audio> tag**

It is used to embed sound content in the document.

```
<audio controls>
  <source src="demo.mp3" type="audio/mpeg">
  Your browser does not support the audio element.
</audio>
```

### **<img> tag**

It is used to embed or import image in a webpage.

```

```

## <video> tag

It is used to embed video in the webpage.

```
<video width="480" height="320" controls>
  <source src="demo_move.mp4" type="video/mp4">
  Your browser does not support the video tag.
</video>
```

## 7. Table

A table is a collection of rows and columns. It is used to represent data in tabular form.

### Table Structure

```
<table>
  <caption>Demo Table</caption>
  <thead>
    <tr>
      <th>Column1</th>
      <th colspan="2">Column2</th>
    </tr>
  </thead>
  <tbody>
    <tr>
      <td>Data1</td>
      <td>Data2</td>
      <td>Data2</td>
    </tr>
    <tr>
      <td>Data1</td>
      <td>Data2</td>
      <td>Data2</td>
    </tr>
  </tbody>
  <tfoot>
    <tr>
      <td>
        &
        nbsp;</td>
      <td>Data</td>
      <td>Data</td>
    </tr>
  </tfoot>
</table>
```

## 8. Links

Links are clickable text that can redirect you to some other page.

### <a> tag

<a> or anchor tag defines a hyperlink.

```
<a href="https://homevelvet.onrender.com/velvethomes">Visit homevelvet.onrender.com</a>
```

## 9. Form

### Sample Form

```
<form action="/action.php" method="post">
  Name: <input name="name" type="text" /> <br />
  Age: <input max="90" min="1" name="age" step="1" type="number" value="18" /> <br />
  <select name="gender">
    <option selected="selected" value="male">Male</option>
    <option value="female">Female</option>
  </select><br />
  <input checked="checked" name="newsletter" type="radio" value="daily" /> Daily <input name="newsletter" type="radio"
    value="weekly" /> Weekly<br />
  <textarea cols="20" name="comments" rows="5">Comment</textarea><br />
  <label><input name="terms" type="checkbox" value="tandc" />Accept terms</label> <br />
  <input type="submit" value="Submit" />
</form>
```

## 10. Characters & Symbols

Some symbols are not directly present on the keyboard, but there are some ways to use them in HTML documents. We can display them either by entity name, decimal, or hexadecimal value.

### Copyright Symbol (©)

&  
copy;

### Less than (<)

&  
lt;

### Greater than (>)

&  
gt;

### Ampersand (&)

&  
amp;

### Dollar (\$)

&  
dollar;

### Random Text

#### Elon Musk

Elon Reeve Musk FRS is an entrepreneur and business magnate. He is the founder, CEO, and Chief Engineer at SpaceX; early stage investor, CEO, and Produ

## 11. Semantic Elements

Semantic elements are those elements that are self describable, i.e., from their name itself, you can understand their meaning.

### <section> tag

It defines a section in the document

```
<section>This is a section</section>
```

### <article> tag

It represents self-contained content

```
<article>Enter your data here </article>
```

### <aside> tag

It is used to place content in the sidebar

```
<aside>This is a section</aside>
```

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