

## What is HTML, HTML Page Structure?

- 1) **HTML** is the standard markup language for creating web pages. [True]
- 2) HTML stands for **Hyper Text Markup Language**.
- 3) **HTML** describes the structure of Web pages using markup.
- 4) HTML elements are represented by **tags**.
- 5) Browsers do not display the HTML tags but use them to render the content of the page. [True]
- 6) E.g., **<p>**This is the content**</p>**
- 7) **<p>** is an example of **container element (pair element)** where **<img>** is an example of **standalone element (single element)**.


### **HTML Page Structure:**


```
<!DOCTYPE html>
<html>


  <head>
    <title>My title</title>
  </head>

  <body>
    <h1>My heading</h1>
    <p>My paragraph</p>
    My image
  </body>

</html>
```

 **<!DOCTYPE>** represents the document type and helps browsers to display web pages correctly. It must only appear once, at the top of the page (before any HTML tags).

 **<head> </head>** The head contains the title of the page & meta information about the page, Meta information is not visible to the user.

 **<body> </body>** contains the actual content of the page. Everything that is contained in the body is visible to the user.

## Write the necessary HTML, for the following.

Lorem ipsum dolor sit amet, consectetur adipiscing elit

Lorem ipsum dolor sit amet, consectetur adipiscing elit

Lorem ipsum dolor sit amet, consectetur adipiscing elit

Lorem ipsum dolor sit amet, consectetur adipiscing elit

```
<html>
<head>
  <title>Div Align Attribbute</title>
</head>
<body>
  <p align="left">
    Lorem ipsum dolor sit amet, consectetur adipiscing elit
  </p>
  <p align="right">
    Lorem ipsum dolor sit amet, consectetur adipiscing elit
  </p>
  <p align="center">
    Lorem ipsum dolor sit amet, consectetur adipiscing elit
  </p>
  <p align="justify">
    Lorem ipsum dolor sit amet, consectetur adipiscing elit
  </p>
</body>
</html>
```

## Write the necessary HTML, for the following.

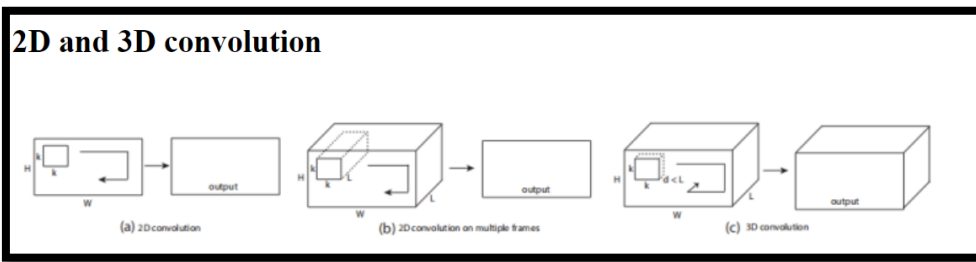
Here is a highlighted text and this is smaller text.

Here is ~~some deleted~~ text and this is some inserted text.

This is <sup>superscripted</sup> text and this is <sub>subscripted</sub> text.

```
<p>Here is a
<mark>highlighted</mark> text and this is <small>smaller</small> text.</p>
<p>Here is <del>some deleted</del> text and this is <ins>some inserted</ins> text.</p>
<p>This is <sup>superscripted</sup> text and this is <sub>subscripted</sub> text.</p>
```

**Write the necessary HTML, for the following.**



```
<!DOCTYPE html>
<html lang="en">

<head>
  <title>Img Align Attribute</title>
</head>

<body>
  <h2> 2D and 3D convolution
</h2>
  
</body>

</html>
```

**Write the necessary HTML, for the following.**

```
<!DOCTYPE html>
<html>

<body>

  <h2>Lorem, ipsum.</h2>

  <p>Lorem ipsum, dolor sit.</p>

</body>

</html>
```

**Lorem, ipsum.**

Lorem ipsum, dolor sit.



## Write the necessary HTML, for the following.

```
<!DOCTYPE html>
<html>

<body>

    <h1>My account:</h1>
    <a href="https://www.facebook.com/">Visit
facebook</a> <br>
    <a href="https://www.twitter.com/">Visit twitter</a> <br>
    <a href="https://www.instagram.com/" target="_blank">Visit instagram</a> <br>

</body>
</html>
```

## My account:

[Visit facebook](https://www.facebook.com/)  
[Visit twitter](https://www.twitter.com/)  
[Visit instagram](https://www.instagram.com/)

## Write the necessary HTML, for the following.

```
<!DOCTYPE html>
<html>
<body>
    <h2>HTML list:</h2>
    <ul>
        <li>Coffee</li>
        <li>Tea</li>
        <li>Milk</li>
    </ul>
    <ol>
        <li>Coffee</li>
        <li>Tea</li>
        <li>Milk</li>
    </ol>
    <dl>
        <dt>Coffee</dt>
        <dd>- black hot drink</dd>
        <dd>- hot drink</dd>
        <dt>Milk</dt>
        <dd>- white cold drink</dd>
        <dd>- cold drink</dd>
    </dl>
</body>
</html>
```

## HTML list:

- Coffee
- Tea
- Milk

1. Coffee
2. Tea
3. Milk

### Coffee

- black hot drink
- hot drink

### Milk

- white cold drink
- cold drink

**Write the necessary HTML, for the following.**

## Person data

Person 1	Person 2	Person 3
Emil	Tobias	Linus
16	14	10

```
<!DOCTYPE html>
<html>
<body>
  <h2>Person data</h2>
  <table style="width:50%">
    <tr>
      <th>Person 1</th>
      <th>Person 2</th>
      <th>Person 3</th>
    </tr>
    <tr>
      <td>Emil</td>
      <td>Tobias</td>
      <td>Linus</td>
    </tr>
    <tr>
      <td>16</td>
      <td>14</td>
      <td>10</td>
    </tr>
  </table>
</body>
</html>
```

## Write the necessary HTML, for the following.

```
<!DOCTYPE html>
```

```
<html>
```

```
<body>
```

```
<h1>Table1:</h1>
```

```
<table style="width:50%">
```

```
<tr>
```

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

```
<td>Jill</td>
```

```
</tr>
```

```
<tr>
```

```
<th rowspan="2">Phone</th>
```

```
<td>555-1234</td>
```

```
</tr>
```

```
<tr>
```

```
<td>555-8745</td>
```

```
</tr>
```

```
</table>
```

```
<h1>Table2:</h1>
```

```
<table style="width:50%">
```

```
<tr>
```

```
<th colspan="2">Name</th>
```

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

```
</tr>
```

```
<tr>
```

```
<td>Jill</td>
```

```
<td>Smith</td>
```

```
<td>43</td>
```

```
</tr>
```

```
<tr>
```

```
<td>Eve</td>
```

```
<td>Jackson</td>
```

```
<td>57</td>
```

```
</tr>
```

```
</table>
```

```
</body>
```

```
</html>
```

**Table1:**

Name	Jill
Phone	555-1234
	555-8745

**Table2:**

Name		Age
Jill	Smith	43
Eve	Jackson	57