

# Html Notes

## HTML : Hyper Text Markup Language

File saving with extension of [.html](#)

Ex: [Name.html](#)

### Structure :

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

### Title :

Text is shown in Tab bar

Tag entered in the limit of Head tag

```
<title>Enter text</title>
```

### Heading :

```
<h1>Maximum default text height</h1>
```

```
<h2>2nd max height</h2>
```

```
<h3>3rd max height</h3>
```

```
<h4>4th max height</h4>
```

```
<h5>2nd least default height</h5>
```

```
<h6>Least default height</h6>
```

### Paragraph :

```
<p>Paragraph</p>
```

### Pre :

Print O/P as like input

```
<pre>Type Program as per wish  
like multiline in single tag</pre>
```

### Span :

Set the priority without changing default Property within the tag

```
<span>Type matter </span>
```

Ex : `<p>wel<span>C</span>ome</p>`  
O/P : wel**C**ome

## Line Break :

`<br>` or `<br>` or `</br>`

## Formatting Elements :

- `<b></b>` - Bold text
- `<strong></strong>` - Important text (Bold)
- `<i></i>` - Italic text
- `<em></em>` - Emphasised text (Italic)
- `<mark></mark>` - Marked text
- `<small></small>` - Small text
- `<del></del>` - Deleted text
- `<ins></ins>` - Inserted text
- `<sub></sub>` - Subscript text
- `<sup></sup>` - Superscript text

## Image :

Ex: ``

Images in Another Folder:

Ex: ``

alt Attribute :

If a browser cannot find an image, it will display the value of the alt attribute:

Ex: ``

## Links :

Use as a link for "Text" or "Image"

`<a href="link URL">` Entrer the "Text" or "Image"`</a>`

`a:link { Requirements (Using styles) }`

Base link

`a:hover { Requirements (Using styles) }`

Cursor is on the link

`a:active { Requirements (Using styles) }`

The link is in active

`a:visited { Requirements (Using styles) }`

The link is already visited

## Marquee :

The HTML <marquee> </marquee> tag is used for scrolling piece of text or image displayed either horizontally across or vertically down your web site page depending on the settings.

<marquee> This is basic example of marquee </marquee>

direction : "up or down or right or left"

direction of scrolling

behaviour : "alternate"

scrolling with edge bouncing

scrollamount : "value"

speed of scrolling

width : "value"

scrolling width

height : "value"

scrolling height

Scroll diagonally :

Multiple marquee and they assigning different directions

Ex : <marquee width="60%" direction="up">

<marquee direction="right">

ZigZag Marquee

</marquee>

</marquee>

# CSS Notes

## CSS : Cascading Style Sheets.

### Styling HTML with CSS

CSS describes **how HTML elements are to be displayed on screen, paper, or in other media.**

CSS **saves a lot of work.** It can control the layout of multiple web pages all at once.

CSS can be added to HTML elements in 3 ways:

- **Inline** - by using the style attribute in HTML elements

`<tag_name style="property:value;">`

- **Internal** - by using a `<style>` element in the `<head>` section

`<head><style>Applying styles within the limits</style></head>`

- **External** - by using an external CSS file

File saving with extension of .css

Ex: styles.css

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

Style Name	Property : Value
Background Color	background-color : "color name"
Text Color	color : "color name"
Font size	font-size : "value"
Font Name	font-family : "name of the font style"
Text Alignment	text-align : "place of text alignment"
Border	border : "value"
Padding (space b/w text and border)	padding : "value"
Margin (space outside the border)	margin : "value"

**Links** on Anchor tag `<a></a>`:

`a:link { Requirements (Using styles) }`

Base link

`a:hover { Requirements (Using styles) }`

Cursor is on the link

`a:active { Requirements (Using styles) }`

The link is in active

`a:visited { Requirements (Using styles) }`

The link is already visited

## Attribute :

They used for same styles applying in different places  
Attribute name allocation with in the

`<body><tag attribute="name">`

Style given in the limits of `<head><style>`

**class** : .

**id** : #

Ex:

```
<head>
  <style>
    .error {
      color: red;
    }

    #p01 {
      color: blue;
    }
  </style>
</head>
<body>
  <p class="error">I am different</p>
  <p id="p01">I am different</p>
</body>
```

## Float :

Use the CSS float property to let the image float to the right or to the left of a text:

Ex:

```
<p> The image will float to the right of the text.</p>
```