

Inline elements in HTML

<code><a></code> <code><abbr></code> <code></code> <code>
</code> <code></code> <code></code> <code></code> <code></code>		<code><small></code> <code><cite></code> <code><map></code> and so on
---	--	---

ex:

```
<h1> This is <span style="color:red">  
Web Technology </span>
```

class </h1>

Note: span is an inline element

HTML Head Element

The `<head>` element is a container for all the head elements
i.e., `<title>`, `<style>`, `<meta>`, `<link>`
`<script>` etc.,

- `<head>` element is a container for meta data & is placed between `<html>` tag & the `<body>` tag.
- meta data is data about the HTML document

- Meta data is not displayed.

<title>:

- Defines the title of the document, & is required in all HTML documents
- defines a title in browser tag

ex:

```
<html>
  <head>
    <title>Web class </title>
  </head>
  <body>
    .
    .
    .
    .
  </body>
</html>
```

<style>:

<style> element is used to define style information for a single HTML page.

ex:

```
<html>
  <head>
    <title>Web class</title>
    <style>
      body { background-color: gold; }
      h1 { font-size: 50px; }
      p { color: grey; }
    </style>
  </head>
```

```
<body>
  <h1>Hyper text markup Language</h1>
  <p>This is a paragraph</p>
</body>
</html>
```

<link> :

<link> element is used to attach other external files to our html document

ex:

index.html

```
<html>
  <head>
    <title>Web class</title>
    <link rel="stylesheet" href="style.css">
  </head>
```

```
<body>
  <h1>Cascading style sheet</h1>
  <p>This is paragraph</p>
</body>
```


style.css

body

{
background-color : gold ;
}

h1

{
font-size : 50px ;
}

p

{
color : grey ;
}

<meta> :

- <meta> element is used to specify the character set, page description, keywords, authors & other metadata on webpage.
- Metadata is mainly used by browser, search engines & other web services to rank your webpage better.

<meta charset="UTF-8">

- charset attribute specifies the character encoding
- which means it can handle to display any language.

`<meta name="description" content="Web tutorials">`

- If we give a meta description then it will be useful for the relevant search to perform by search engine.

`<meta name="keywords" content="html, css, javascript">`

- Keyword value is also used to provide keywords for a search engine.

`<meta name="author" content="Brock">`

- author value specifies the name of the person who wrote the page content.

`<meta http-equiv="refresh" content="30">`

- Meta refresh is used to provide instruction to the browser to automatically refresh page after the given time interval.

`<meta http-equiv="refresh" content="10; url='some url'>`

- If we add an url with content value, then it will redirect to that page after the time limit is over.

`<meta name="Viewport" content="width=device-width, initial-scale=1.0">`

- Viewport is the user's visible area of a webpage.
- It changes from device to device & appears smaller on mobile phones than Computer screen.
- Viewport \Rightarrow Specifies how to control the page's dimensions & scaling
- `width=device-width` \Rightarrow It is used to set the width of the page to follow the screen-width of the device
- `initial-scale=1.0` \Rightarrow It is used to set the initial zoom level when the page is first loaded by the browser.

`<base>` !
~~~~~

`<base>` tag is used to specify a base url & base target for all relative url in a page.



```
<html>
  <head>
    <title> web class </title>
    <base href = "https://github.com/"
    target = "_blank">
  </head>
  <body>
    <a href = "/nagabhishek004">
      Nagabhishek
    </a> <br>
    <a href = "/nagabhishek004/web-Technology-
    SEWA">
      Web Notes
    </a>
  </body>
</html>
```

# HTML Multimedia

- <Video> element is used to show a video on a web page

```
<Video src="video.mp4" controls loop>  
</Video>
```

```
<Video controls>
```

```
<source src="video.mp4">
```

```
</Video>
```

```
<embed src="video.mp4" type="video/mp4">
```

---

format supported: MP4, webM, ogg

<audio> element is used to play audio on a web page

```
<audio src="audio.mp3" controls loop>  
</audio>
```

```
<audio controls>
```

```
<source src="audio.mp3">
```

```
</audio>
```

```
<embed src="audio.mp3" type="audio/mp3">
```

format supported by google chrome  
mp3, ogg, wav