<iframe> Tag

❑ An **iframe** is used to **display a web page within a web page.**

❑ Syntax :

<iframe   src="link of web page"> </iframe>

Code -1:   **index.html**   **index1.html**

```html
<!DOCTYPE html>
<html lang="en">
<head>
    <title>Iframe Example</title>
    <meta charset="utf-8">
    <style type="text/css">
        iframe{
            border:3px solid orange;
            border-radius: 5px;

        }
    </style>
</head>
<body>
    <h1>This heading is from first webpage</h1>
    <iframe src="index1.html"></iframe>
</body>
</html>
```

```html
<!DOCTYPE html>
<html lang="en">
<head>
    <title>Document 2</title>
    <meta charset="utf-8">

</head>
<body>
    <p>This Image is from second document</p>
    <img src="scenary.jpg" />
</body>
</html>
```

Here **<iframe>** is used to load another web page(**index1.html**).

Continue...

<iframe> Tag

Output -1:

This heading is from first webpage

This Image is from second document

Code-2 :
index.html

```html
<!DOCTYPE html>
<html lang="en">
<head>
    <title>Iframe Example</title>
    <meta charset="utf-8">
    <style type="text/css">
        iframe{
            border:3px solid orange;
            border-radius: 5px;
        }
    </style>
</head>
<body>
    <h1>This heading is from first webpage</h1>
    <iframe src="index1.html" width="500" height="400"></iframe>
</body>
</html>
```

size is specified

Here index1.html webpage is looking weird and small.
Let's change it either by **html** or **css**.

Continue...

<iframe> Tag

Output -2:

This heading is from first webpage

This Image is from second document

Let's remove this scroll bars

Code-3 :

```html
<!DOCTYPE html>
<html lang="en">
<head>
    <title>Iframe Example</title>
    <meta charset="utf-8">
    <style type="text/css">
        iframe{
            border:3px solid orange;
            border-radius: 5px;
            overflow: hidden;
        }
    </style>
</head>
<body>
    <h1>This heading is from first webpage</h1>
    <iframe src="index1.html" width="500" height="400" scrolling="no"></iframe>
</body>
</html>
```

Some browsers support **scrolling:"no" with html** or **overflow:hidden with css** some to remove scroll bars. To double sure, we can use both.

Continue...

<iframe> Tag

Output -3:

This heading is from first webpage

This Image is from second document
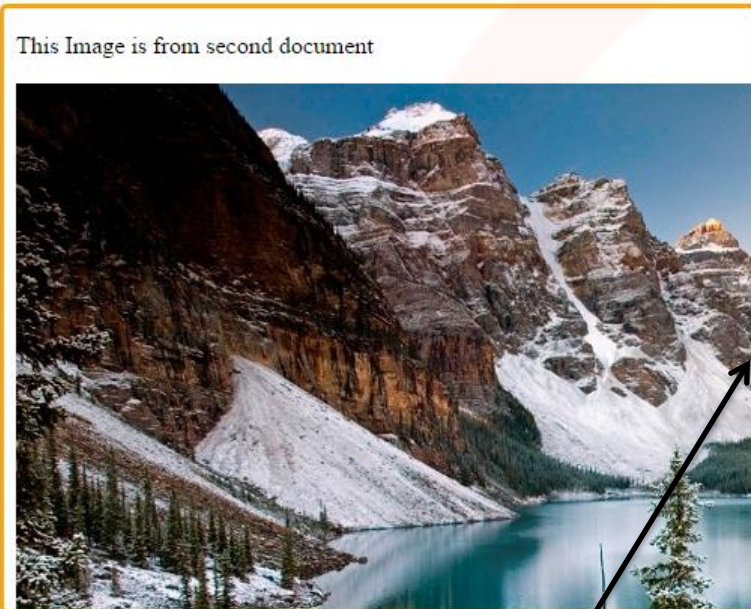
Scroll bars are removed

Continue...

Google Maps API

How to get link / iframe code for Google Maps

Step-1: Either go to this **https://www.google.co.in/maps** link or type google maps on browser.
Step-2: Find your place. (Like: **IIT Delhi**)
Step-3: Click on the side menu.
Step-4: Navigate : **Share → Embed.**
Step-5: Copy the **<iframe code> and use that code in your webpage** as shown below:

Code: **index.html**

```html
<!DOCTYPE html>
<html lang="en">
<head>
    <title>APIs</title>
    <meta charset="utf-8">
    <style type="text/css">
        body{
            padding: 10px;
            margin:0px;
        }
        /* Iframe styling */
        iframe{
            border: 2px solid orange;
            border-radius: 5px;
        }
    </style>
</head>
<body>

    <!-- Google Maps -->
    <iframe src="https://www.google.com/maps/embed?pb=!1m18!1m12!1m3!1d3504.8251247717535!2d77.1904396
    1431585!3d28.54497558245238!2m3!1f0!2f0!3f0!3m2!1i1024!2i768!4f13.1!3m3!1m2!1s0x390d1df6b9055fb5%3
    A0x81c10b266b1ea3c0!2sIndian+Institute+of+Technology+Delhi!5e0!3m2!1sen!2sin!4v1495796957276"
    width="600" height="450" frameborder="0" allowfullscreen></iframe>

</body>
</html>
```
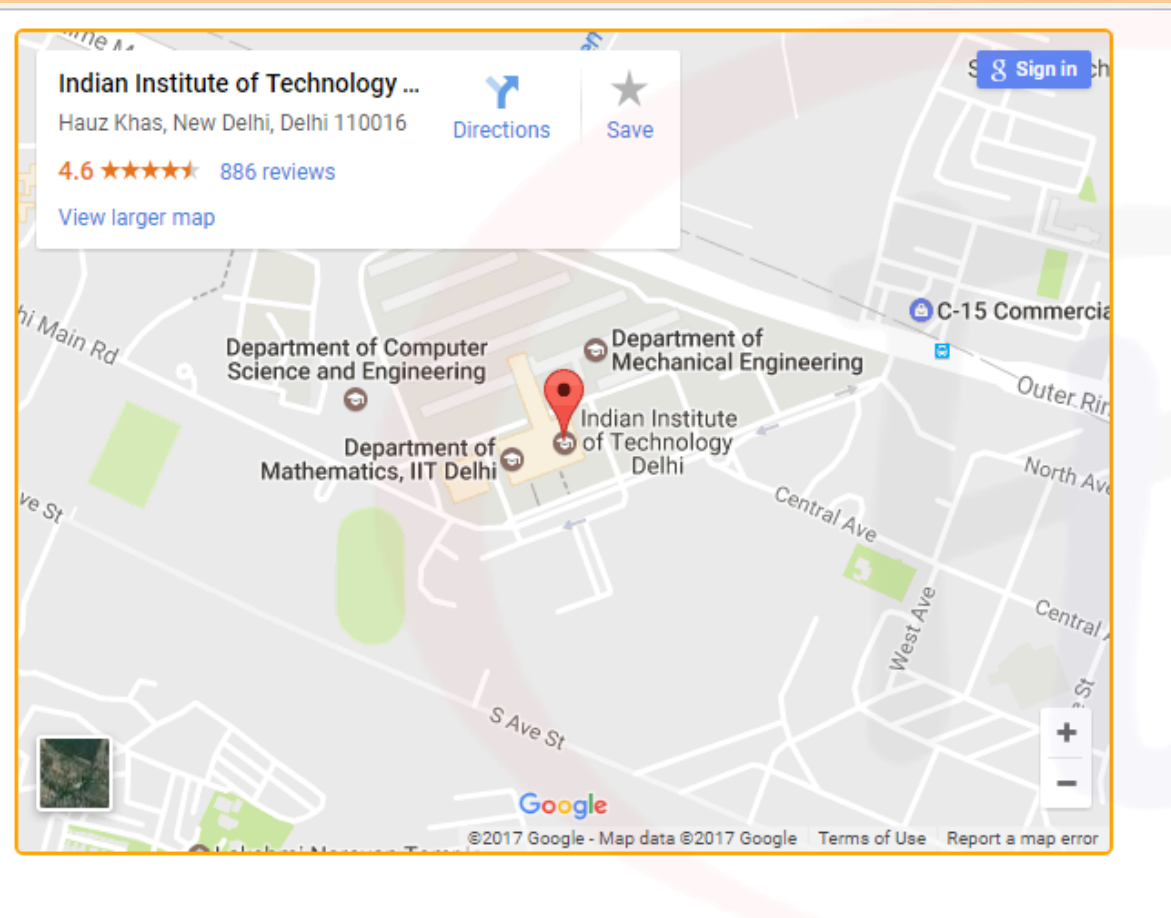
Link to the google maps

Continue...

Output:

Attaching Youtube Videos

How to get link / iframe code for Youtube Videos

Step-1:Either go to this **https://www.youtube.com/** link or type youtube on browser.

Step-2: Browse video. (Like: **google io**)

Step-3: Click on the video to view.

Step-4: Go to just below the video and navigate : **Share → Embed.**

Step-5: Copy the **<iframe code> and use that code in your webpage** as shown below:

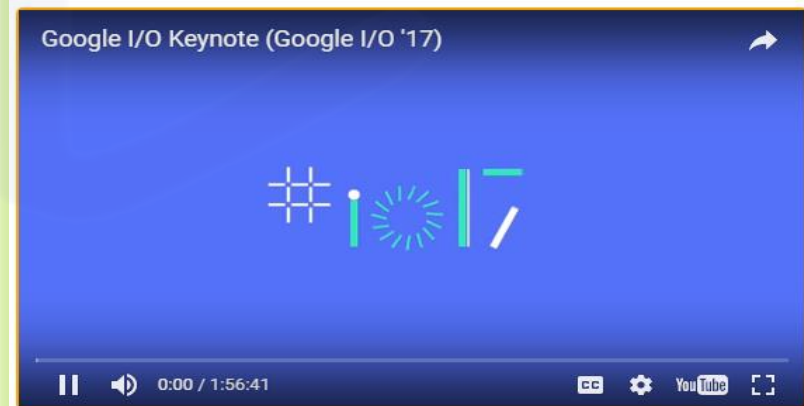**Code:**   **index.html**   **Output:**

```
<body>
    <h1>Hey we have attached Youtube Video</h1>
    <iframe width="560" height="315" src="https://www.youtube.com/embed/Y2VF8tmLFHw" frameborder="0"
    allowfullscreen></iframe>
</body>
```

Hey we have attached Youtube Video

Google I/O Keynote (Google I/O '17)

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Link to the youtube video

Continue...

Attaching Youtube Videos

Ques : How to make video autoplay ?

To make an embedded video autoplay, add "**&autoplay=1**" to the video's embed code right after the video link.
Link : https://www.youtube.com/embed/Y2VF8tmLFHw
Make it autoplay : https://www.youtube.com/embed/Y2VF8tmLFHw**?autoplay=1**

Ques : How to add caption to the youtube video?

Make captions automatically appear for an embedded video by adding "**&cc_load_policy=1**" to the video's embed code.
Link : https://www.youtube.com/embed/Y2VF8tmLFHw
To add caption : https://www.youtube.com/embed/Y2VF8tmLFHw**?cc_load_policy=1**

Online Media (Videos)

Attaching Youtube PlayList

How to get link / iframe code for Youtube PlayList

Step-1:Either go to this **https://www.youtube.com/** link or type youtube on browser.
Step-2: Browse youtube channel (Like : technical sagar)
Step-3:Click→Playlist→Choose any PlayList (Like: Hacking) →Click
Step-4: Find and Navigate like this : **Share → Embed Map.**
Step-5: Copy the **<iframe code> and use that code in your webpage** as shown below:

Code: **index.html**   **Output:**

```
<body>
    <h1>Hey we have attached Youtube PlayList</h1>
    <iframe width="560" height="315" src="https://www.youtube.com/embed/
videoseries?list=PL-5gYa7CLd4hUktJHMpPeyMUz5Q_RgV3t" frameborder="0" allowfullscreen></iframe>
</body>
```


Hey we have attached Youtube PlayList

<video> Tag

❑ **It is used to attach offline videos.**

❑ Syntax :

```
<video attributes>
    <source src="videoName.Extension" type="MIME-TYPE">
    <source src="videoName.Extension" type="MIME-TYPE">
    <source src="videoName.Extension" type="MIME-TYPE">
</video>
```

Few fallback options

Code: **index.html** **Output:**

```
<video width="320" height="240" controls>
  <source src="Karz.mp4" type="video/mp4">
  <source src="Karz.ogg" type="video/ogg">
  <source src="Karz.webm" type="video/webM">
  Please upate or view on another browser
</video>
```


KARZ 2

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control attribute is used to get video controller

Continue to more attributes...

<video> Tag

❑ **<video> tag Attribues**

1. controls

to get the video controller.

2. autoplay

to autoplay the video.

3. muted

to mute the video by default.

4. loop

to start the video again automatically after finish

5. poster

to show the image while the video is downloading or until user clicks to play.

6. width

to set the width of video player in pixels.

7. height

to set he height of video player in pixels.

8. src

to specify the URL of the video.

`<video>` Tag

- ❑ **It is used to attach offline audios.**
- ❑ Syntax :

`<audio attributes>`

Few fallback options

```
<source src="audioName.Extension" type="MIME-TYPE">
<source src="audioName.Extension" type="MIME-TYPE">
<source src="audioName.Extension" type="MIME-TYPE">
```

`</audio>`

Code: **index.html** **Output:**

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

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