

# Web Basics – HTML5

## Lesson 6. Frames

# Lesson Objectives



After completing this module you will be able to:

- Understand the need for frames in web pages.
- Learn to create and work with iframes.



# Introduction to FRAME

With frames, more than one HTML document content can be nested in a web page.

Need for frames in webpage:

- Reusability
- Static navigation can be visible all the time
- Design issues can be resolved.
- Advertisement can be displayed which promotes web site



# Introduction to IFRAME

Inline Frame Element (<iframe>) is used to embed another HTML page into the current page.

<iframe> can be used within a HTML document body just like an <img> tag.

Syntax:

```
<iframe src="url"></iframe>
```

Types of documents which can be embedded using IFRAME are

- Image(GIF, JPEG, etc..)
- PDF
- Audio
- Video
- HTML document, etc..



# IFRAME Tag Attributes

Attribute Name	Attribute Value	Description
name	Name of the frame	Mentions the name of iframe.
height	pixels	Denotes the height level of iframe.
width	pixels	Denotes the width level of iframe.
src	URL of the file	The address/URL of the content to be fixed in iframe.
sandbox	"" , allow-forms, allow-same-origin, allow-scripts, allow-top-navigation	Creates limitations for iframe contents.
seamless	seamless	Defines that iframe should look like the part of the containing document.
srcdoc	HTML code	The HTML content of a page to be shown in iframe.



# Example

```
<!DOCTYPE html>
```

```
<html>
```

```
<body>
```

```
  <iframe src="HTML5.pdf" width="600" height="400">
```

```
    <p>Your browser does not support iframes.</p>
```

```
  </iframe>
```

<p>Inline Frame Element is used to embed another HTML page into the current page. can be used within a HTML document body just like an tag. A section that contains embedded content is called the parent context.</p>

```
</body>
```

```
</html>
```

# Demo



[iframesDemo1.html](#)  
[iframesDemo2.html](#)

# Lab



Lab 6



# Lesson Summary



In this lesson, you have learnt about

- Need of frames in webpages
- Embedding of content in HTML document using `<iframe>` tag.



# Review – Match the Following



1. src	a. Sets the height of the frame.
2. NAME	b. Sets the width of the frame.
3. WIDTH	c. Creates limitations for iframe contents.
4. HEIGHT	d. Assigns a name to a frame.
5. SANDBOX	e. Source document's URL is displayed in this frame.

