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```
small { font-size: 100% }  
figure { margin: 10px 0 }  
code, pre {  
  font-family: monospace, consolas, sans-serif;  
  font-weight: normal;  
  font-style: normal;  
}
```



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**SYJC Information Technology – Science****Session 1**

Topic	No	Web Publishing
Sub-Topic:	1	Components of web
	2	Introduction to HTML 5
	3	Simple Program definition for attribute/value
	4	Classification of HTML Tags
	5	Basic structure of HTML
	6	This is representation of HTML5 Document structure

## Session 1

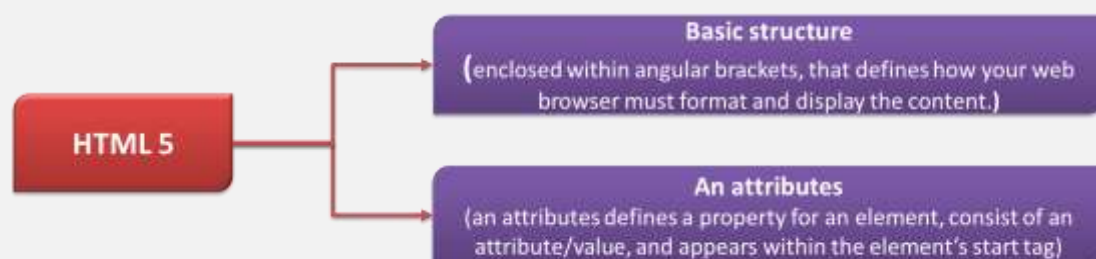
# Web Publishing

### Components of web

- Web uses the following Terms :
  - **Webpage** : A simple text file created using HTML
  - **Website**: A collection of interlinked web pages containing text, images, audio and videos. For example, [www.ebalbharti.in](http://www.ebalbharti.in).
  - **Web Server**: A Web Server is an application or a computer that sends webpages over the internet using the HTTP protocol. The functionality of website is managed by web server. For example: Apache, nginx, ISS etc.
  - **URL (Uniform Resource Locator)**: It is an address of a web page on the internet. The webpages are retrieved from the original location with the help of URL.
  - **HTTP: HTTP (Hypertext Transfer Protocol)** is a protocol used by WWW for client server communication.
  - **HTML: Hyper Text Markup Language**, enables to write code for a webpage. All the webpages in a website are linked with one another, with the help of hypertext links.

### Introduction to HTML 5

- HTML is a standard language for developing and creating interactive websites, introduced by “Tim Berners Lee”.
- HTML documents are created in any text editor for and can be run (executed) on any computer that has a web browser.
- HTML is compatible with most of the web browsers.



### Simple Program definition for attribute/value:

- The following example define the property of element consists of attribute/value within the element's start tag.

```
<html>
<head>
    <title> First Page </title>
```



This is representation of HTML5 Document structure:

