**Module 3(HTML 5)**

1. **What are the new tags added in HTML5?**

* article
* aside
* audio
* canvas
* command
* datalist
* details
* embed
* figcaption
* figure
* footer
* header
* hgroup
* keygen
* mark
* math
* meter
* nav
* output
* progress
* rp
* rt
* ruby
* section
* source
* summary
* svg
* time
* track
* video
* wbr

1. **How to embed audio and video in a webpage?**

The <audio> element is used to embed audio files to a web page, and the <video> element is used to embed a video.

You need to set *src attribute* to identify the media source and include a *controls attribute* so the user can play and pause the media.

These tags were introduced in HTML5.

* **<audio> Tag**

*Example:*

*<audio src =” name.ogg” controls>*

*<source src = "/html5/audio.ogg" type = "audio/ogg" />*

*</audio>*

* **<video> Tag**

*Example:*

*<video width = "300" height = "300" controls autoplay>*

*<source src = "/html5/foo.ogg" type ="video/ogg" />*

*<source src = "/html5/foo.mp4" type = "video/mp4" />*

*</video>*

1. **Semantic element in HTML5?**

Semantic elements in HTML have intrinsic meaning and convey that meaning both to the browser and the developer. They clearly define what kind of content they contain.

Semantic elements include article, aside, details, figcaption, figure, footer, header, main, mark, nav, section.

1. **Canvas and SVG tags?**

* <canvas> Tag

The canvas tag is one of the HTML5 elements. It defines an area on the web page, where we can create different objects, images, animations, photo compositions via JavaScript.

* <SVG> Tag

The Scalable Vector Graphics (SVG) is an XML-based image format that is used to define two-dimensional vector-based graphics for the web.