Module (HTML5) – 3

1. What are the new tags added in HTML5?

--> New added tags:

--> <article>, <aside>, <details>, <figcaption>,<figure>,<footer>,<header>,<main>,<mark>,<nav>,

<section> ,<summary>,<time>,

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

--> Add <audio> and <video> elements to the page, make them display the default browser controls.

--> Give both of them <source> elements so that browsers will find the audio format they support best and load it.

1. Semantic element in HTML5?

--> Semantic element clearly describes its meaning to both the browser and the developer.

--> Examples of semantic elements:

--> <form>, <table>, and <article>

1. Canvas and SVG tags

# SVG:

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

--> Unlike raster image, a vector image can be scaled up or down to any extent without losing the image quality.

--> An SVG image is drawn out using a series of statements that follow the XML schema — that means SVG images can be created and edited with any text editor, such as Notepad.

--> There are several other advantages of using SVG over other image formats like JPEG, GIF, PNG.

# Canvas:

--> The HTML element is used to draw graphics on the fly, via scripting.

--> The element is only a container for graphics. You must use a script to actually draw the graphics.

--> Canvas has several methods for drawing paths, boxes, circles, text, and adding images.