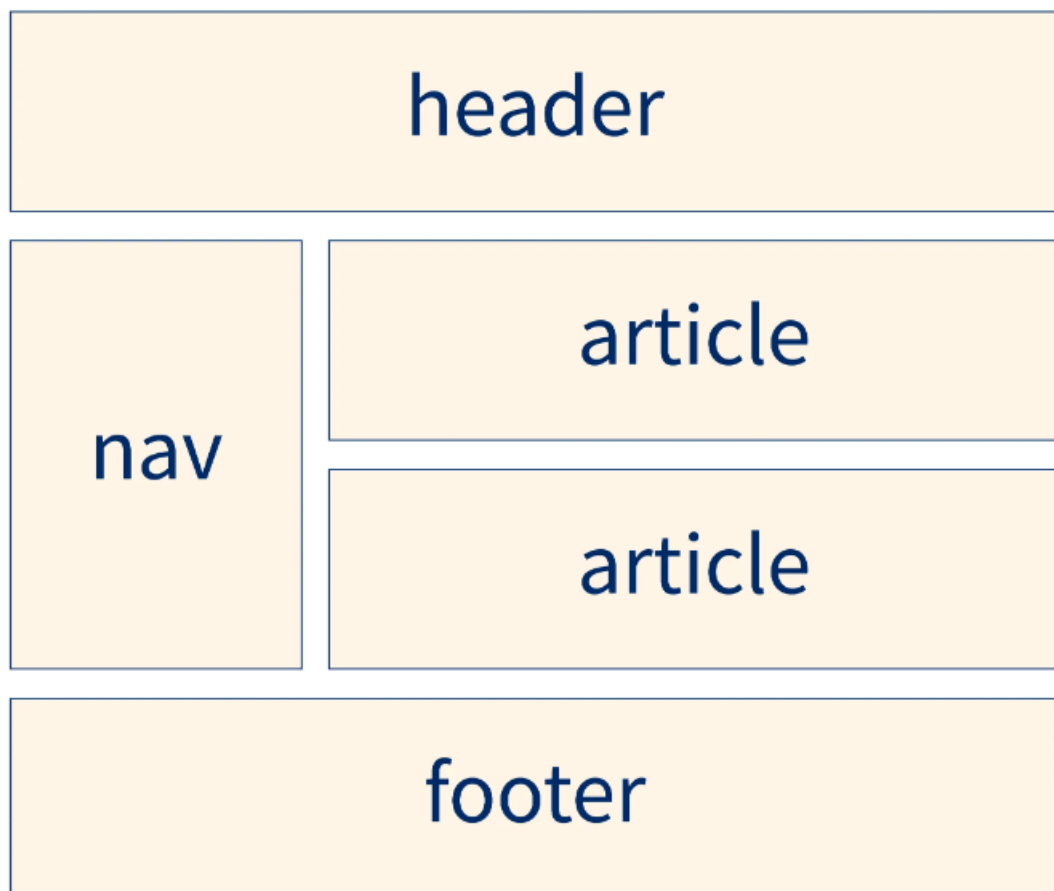


## Module (HTML5) – 3

- What are the new tags added in HTML5?

HTML5 is an upgraded version of HTML 4.01. New elements are added in HTML5 to write easy and fast code to create complex, dynamic, engaging, and effective websites. These new elements add advanced functional features, improvised page layouts, and other improvements. The commonly used new HTML5 tags are `<figure>`, `<article>`, `<header>`, `<main>`, `<footer>`, `<nav>`, and `<section>`.



- How to embed audio and video in a webpage?

To play an audio file in HTML, use the `<audio>` element: The `<video>` tag is used to embed video content in a document, such as a movie clip or other video streams

- Semantic element in HTML5?

- A semantic element clearly describes its meaning to both the browser and the developer.
- Examples of **non-semantic** elements: `<div>` and `<span>` - Tells nothing about its content.
- Examples of **semantic** elements: `<form>`, `<table>`, and `<article>` - Clearly defines its content.
- Canvas and SVG tags

The HTML `<svg>` element is a container for SVG graphics. SVG stands for Scalable Vector Graphics. SVG is useful for defining graphics such as boxes, circles, text, etc. SVG stands for Scalable Vector Graphics and is a language for describing 2D-graphics and graphical applications in XML and the XML is then rendered by an SVG viewer. Most of the web browsers can display SVG just like they can display PNG, GIF, and JPG.

The HTML `<canvas>` element is used to draw graphics, via JavaScript. The `<canvas>` element is a container for graphics.