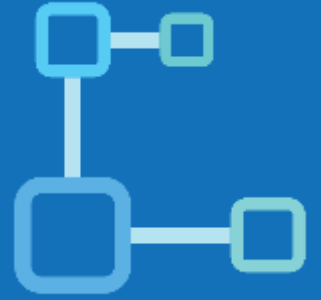




[www.netlink.com](http://www.netlink.com)



# Semantic Element



# HTML-5



HTML5 comes with a lot of flexibility, and it supports the following features –



- Lower case tag names.



- Quotes are optional for attributes.



- Closing empty elements are optional.

# The DOCTYPE

DOCTYPEs in older versions of HTML were longer because the HTML language was

SGML(The Standard Generalized Markup Language) based and therefore required a reference to a DTD (Document type definition)

**Older version:**

```
<!DOCTYPE HTML PUBLIC "-//W3C//DTD HTML 4.01  
Transitional//EN"  
"http://www.w3.org/TR/html4/loose.dtd">
```

## With HTML5:



`<!doctype html>`



HTML 5 authors would use simple syntax to specify DOCTYPE as above.



The above syntax is case-insensitive.

# Some Semantic elements

`<article>`

`<aside>`

`<figure>`

`<figcaption>`

`<header>`

`<footer>`

`<nav>`

`<section>`

# Attributes of form elements



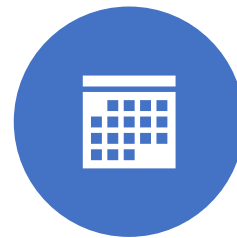
NUMBER



DATE



TIME

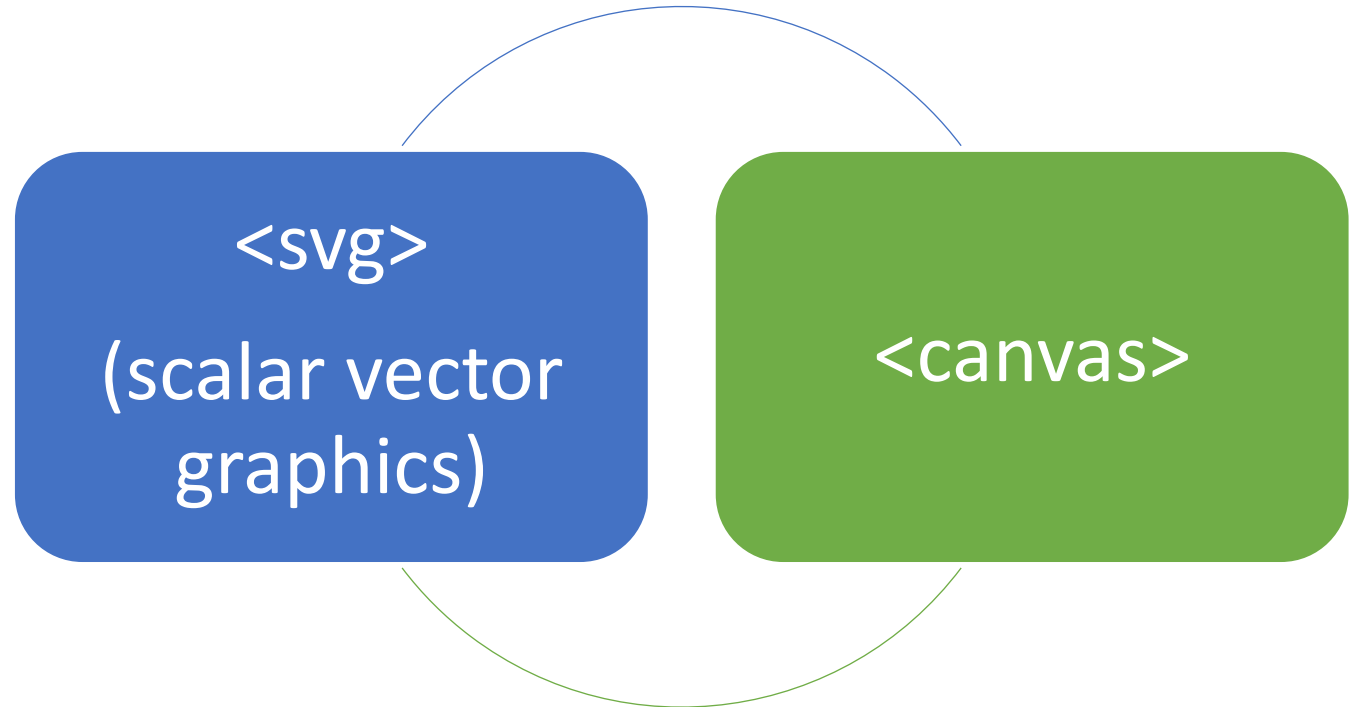


CALENDAR

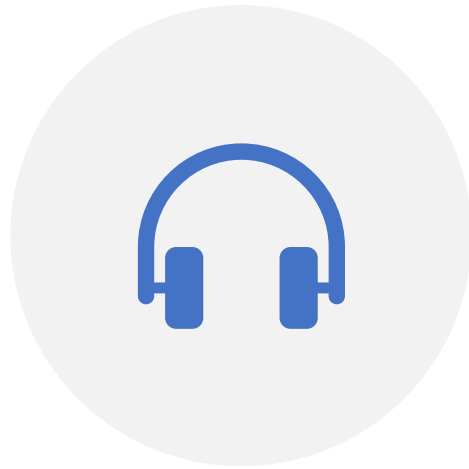


RANGE

# Graphic elements:



# Multimedia elements:



<AUDIO>



<VIDEO>



# Semantic elements

---

All these are block-level elements. Semantics is the study of the meanings of words and phrases in a language.

---

Semantic elements = elements with a meaning

---

A semantic element clearly describes its meaning to both the browser and the developer.

---

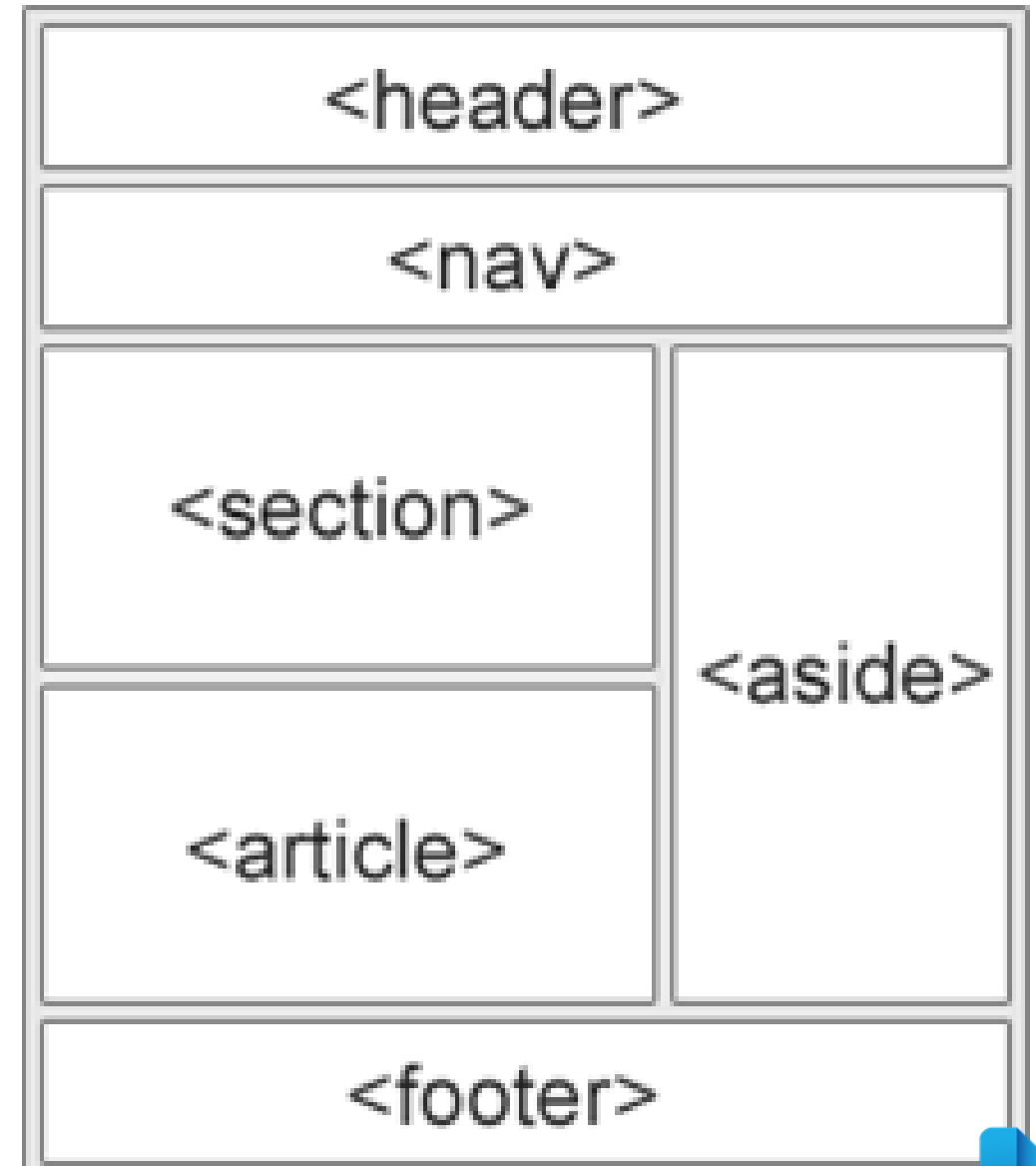
Examples of non-semantic elements: `<div>` and `<span>` - Tells nothing about its content.

---

Examples of semantic elements: `<form>`, `<table>`, and `<article>` - Clearly defines its content.

---

All the 8 elements are block element.



Index	Semantic Tag	Description
1.	<article>	Defines an article
2.	<aside>	Defines content aside from the page content
3.	<details>	Defines additional details that the user can view or hide
4.	<figcaption>	Defines a caption for a <figure> element
5.	<figure>	Specifies self-contained content, like illustrations, diagrams, photos, code listings, etc.
6.	<footer>	Defines a footer for a document or section
7.	<header>	Specifies a header for a document or section
8.	<main>	Specifies the main content of a document
9.	<mark>	Defines marked/highlighted text
10.	<nav>	Defines navigation links
11.	<section>	Defines a section in a document
12.	<summary>	Defines a visible heading for a <details> element
13.	<time>	Defines a date/time



**Thank you**

