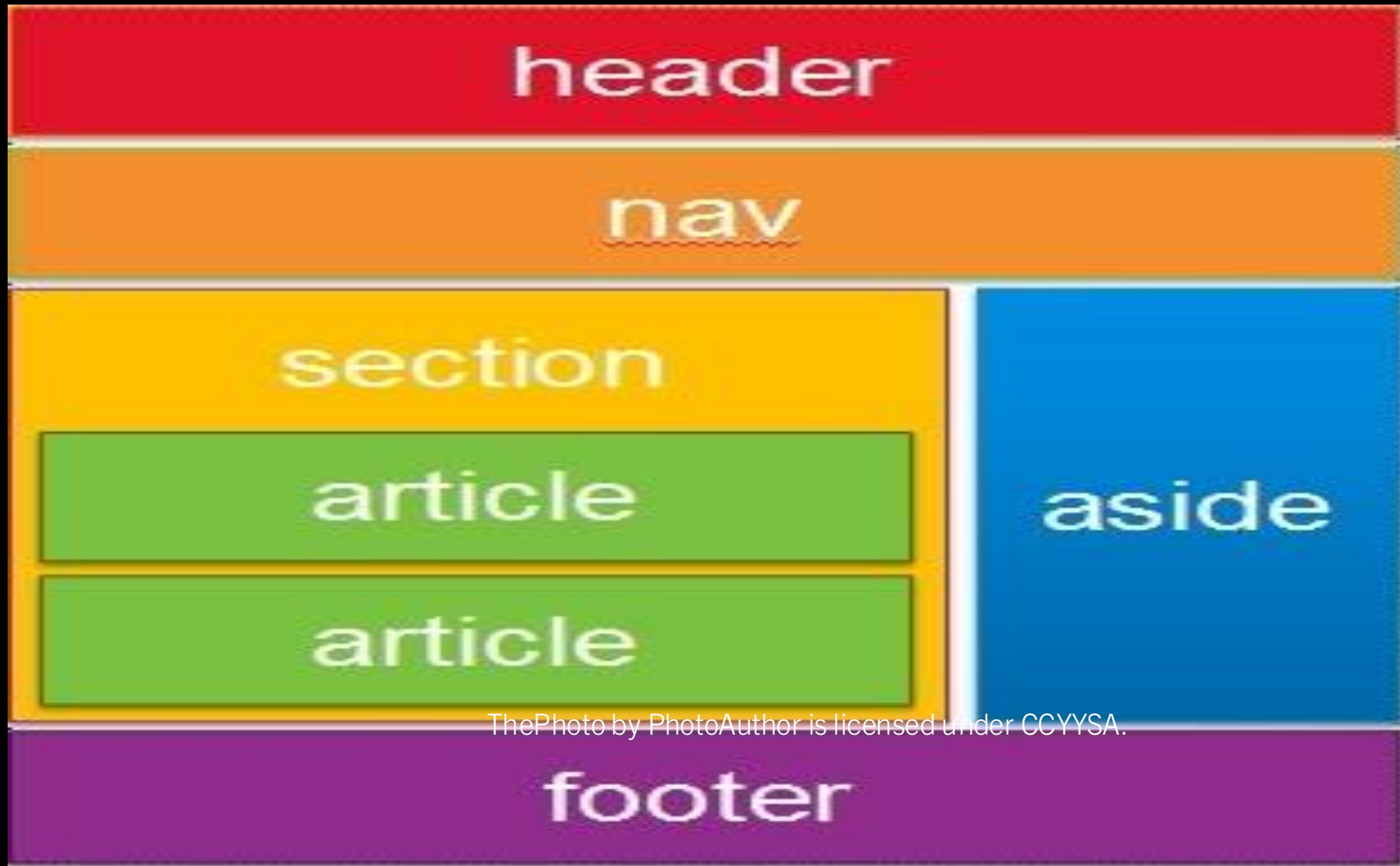


HTML SEMANTIC ELEMENT

- A semantic element in browser clearly describe its meaning to both the browser and Developer
- Ex of semantic elements: `<form>` `<table>` and `<article>` clearly defines its content.
- Ex of non-semantic elements: `<div>` and `` tells nothing about its content.

IN HTML THERE ARE SOME SEMANTIC ELEMENT THAT CAN BE USED TO DEFINE DIFFERENT PART OF WEB PAGE

- `<article>`
- `<aside>`
- `<details>`
- `<figcaption>`
- `<figure>`
- `<footer>`
- `<header>`
- `<main>`
- `<nav>`
- `<section>`



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HTML <SECTION> ELEMENT:

- The section element define section in a document
- According to W3C's HTML documentation : "A section is thematic group of content , typically with a heading."
- Examples where section element can be used :
 - Chapters
 - Introduction
 - News items
 - Contact information

HTML <ARTICLE> ELEMENT

- The <article> element specifies independent, self-contained content. An article
- Should make sense on its own. And it should be possible to distribute it independently
- From the rest of website
- Example of where the <article> element can be used:
- Forum posts
- Blog posts
- User comments

HTML <HEADER> ELEMENT

- The <header> element represent a container for introductory content or set of
- Navigation links.
- A <header> element typically contains:
- One or more heading element (h1-h6)
- Logo or Icon
- Authorship information

HTML <FOOTER> ELEMENT

- The <footer> footer for a document or section .
- A <footer> element typically contains:
- Authorships information
- Copyright information
- Contact information
- Sitemap
- Back to top links
- Related document

HTML <ASIDE> AND <NAV> ELEMENTS

- The <aside> element defines some content aside from the content it is placed in (like sidebar)
- The <aside> content should be indirectly related to the surrounding.
- The <nav> element defines a set of navigation links.

WHY SEMANTIC ELEMENT WORKS?

- According to research : "A semantic web allows data to be shared and reused across applications
- Enterprise and communities."
- This is why semantic element work and they are used greatly to bulid website ,structure data etc.