

Semantic HTML

Semantic HTML refers to the practice of using HTML markup in a way that conveys the meaning and structure of the content on a webpage, making it more accessible to both browsers and developers.

Semantic HTML uses HTML elements that have a clear and meaningful purpose, such as `<header>`, `<nav>`, `<main>`, `<article>`, `<section>`, `<aside>`, `<footer>`, `<h1>` to `<h6>` for headings, `<p>` for paragraphs, `` and `` for lists, and so on. These elements provide a logical structure to the content, making it easier for search engines, screen readers, and other web technologies to understand the content and present it in a meaningful way to users.

Semantic HTML Tags:

1. `<header>`: Represents the header of a section or a webpage, typically containing a logo, a site title, navigation links, or other introductory content.
2. `<nav>`: Represents a navigation menu, typically used to contain links that allow users to navigate through different sections or pages of a website.
3. `<footer>`: Represents the footer of a section or a webpage, typically containing copyright information, contact details, or other supplementary content.
4. `<main>`: Represents the main content area of a webpage, excluding headers, footers, and sidebars. It is typically used to wrap the primary content of a webpage.
5. `<section>`: Represents a section of content that is thematically related, such as a chapter or a group of related articles. It can be used to divide content into meaningful sections.
6. `<article>`: Represents a self-contained piece of content that could be distributed and reused independently, such as a news article, blog post, or forum post.

Example :

HTML

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
```

```
<meta http-equiv="X-UA-Compatible" content="IE=edge">
<meta name="viewport" content="width=device-width, initial-scale=1.0">
<title>Semantic HTML</title>
</head>
<body>
  <header>
    <H1>Hey There</H1>
    <nav>
      <ul>
        <li>Home</li>
        <li>About</li>
        <li>Contact</li>
      </ul>
    </nav>
    <article>
      <h2>This is an article</h2>
    </article>
    <main>This is main</main>
    <section>
      <h2>This is section</h2>
      <p>Lorem, ipsum dolor sit amet consectetur adipisicing elit.
In, corrupti! Eaque iure cumque adipisci quis porro unde temporibus
quos ipsum quas dignissimos voluptatibus deserunt tempore, harum
magnam quo modi eius minus libero quam quia mollitia molestias
quisquam. Repellendus modi minus, reiciendis fugiat, aut voluptate,
nobis autem consectetur quo rerum impedit.</p>
    </section>
  </header>
  <footer>Its a footer</footer>

</body>
</html>
```

Output :

Hey There

- [Home](#)
- [About](#)
- [Contact](#)

This is an article

This is main

This is section

Lorem, ipsum dolor sit amet consectetur adipisicing elit. In, corrupti! Eaue iure cumque adipisci quis porro unde temporibus quos ipsum quas dignissimos voluptatibus deserunt tempore, harum magnam quo modi eius minus libero quam quia mollitia molestias quisquam. Repellendus modi minus, reiciendis fugiat, aut voluptate, nobis autem consectetur quo rerum impedit.

Its a footer

Output