7. What are the benefits of Using semantic tags in our webpage.

Using semantic tags in web pages offers several benefits, including:

1. Accessibility: Semantic tags provide a clear structure and meaning to the content, making it easier for assistive technologies like screen readers to interpret and navigate the page. By using tags like `<header>`, `<nav>`, `<main>`, and `<footer>`, developers can create a more inclusive web experience for users with disabilities.

2. SEO (Search Engine Optimization): Search engines rely on understanding the structure and context of web content. By using semantic tags, developers provide search engines with valuable information about the page's organization, helping improve search engine rankings and visibility. Semantic markup can enhance the relevance and accuracy of search engine results.

3. Code Maintenance: Semantic tags contribute to clean and organized code. By using purpose-specific tags like `<section>`, `<article>`, and `<aside>`, developers can better structure and categorize content, making it easier to maintain and update in the future. Semantic markup enhances code readability, making it more understandable for developers collaborating on a project.

4. Consistency and Maintainability: Semantic tags encourage consistent usage and understanding among web developers. When using semantic markup, developers follow established standards and conventions, making it easier for team members to understand and maintain the codebase. This consistency also allows for better collaboration and reduces the likelihood of errors or inconsistencies in the code.

5. Future Compatibility: Semantic tags are designed to be forward-compatible, meaning they are less likely to become outdated or lose support as web standards evolve. By using semantic tags, developers future-proof their code and ensure its compatibility with future browsers, devices, and technologies.

6. User Experience: Semantic tags contribute to a better user experience by providing a logical and meaningful structure to the content. Users can navigate and understand the page more easily when it is organized into clear sections with descriptive tags. Semantic markup improves the overall usability and comprehension of the webpage.

In summary, using semantic tags brings numerous advantages, including enhanced accessibility, improved SEO, better code organization and maintenance, increased compatibility, and a more intuitive user experience. It promotes best practices in web development and contributes to the overall quality and longevity of the website.