1. When is the div element used within a webpage written with HTML5 tags?

* The HTML5 < div > element represents a container element that is useful for grouping content together for styling, with CSS, or to manipulate them with JavaScript. You would generally use a <div> when no other semantic HTML5 tag fits the content's purpose.

1. What are the HTML5 semantic tags?

* HTML5 also introduced several semantic tags. Semantic tags identify what the content is rather than how it appears. It allows better accessibility and optimization for search engines. Some of the most commonly used semantic tags include:
* <header>: This represents the header - for a section or even for the whole document.
* <br> Produces a single line break.
* <nav>: This contains navigation links.
* <img> Represents an image.
* <header> Represents the header of a document or a section.
* <h1> to <h6> Defines HTML headings.
* <footer>: Defines a footer for a section or document.
* <main>: Represents the main content of a document.
* <figure>: This contains media content with captions.

1. What is the primary advantage and the primary disadvantage of using the ‹main> tag versus <div id="main">?

* The main Advantage of <main>: Better semantics and accessibility.
* The Major Disadvantage of <main>: Potential need for backward compatibility adjustments.