**HTML5 Assignments**

Here are some HTML assignments with questions and answers to test your understanding of the topics you mentioned:

**1. HTML Page Creation with Elements and Attributes**

**Assignment:** Create a simple webpage about yourself. Include elements like heading (<h1>), paragraph (<p>), image (<img>), and a horizontal line (<hr>). Use attributes like src for the image source, alt for alternative text, and id for a unique identifier for a section.

**Questions:**

1. What HTML element defines the document type?
2. What attribute specifies the source of an image?
3. How can you add a title to your webpage that displays on the browser tab?

**2. HTML Tables**

**Assignment:** Create a table to display information about your favorite movies. Include columns for Title, Director, and Release Year. Use table headers (<th>) and table data (<td>) elements.

**Questions:**

1. What element defines a table row?
2. How can you specify a caption for your table?
3. What attribute allows you to span cells across multiple columns?

**3. HTML Forms**

**Assignment:** Create a form to collect user feedback on your website. Include input fields for name (<input type="text">), email (<input type="email">), and a text area (<textarea>) for comments. Add a submit button (<input type="submit">) to submit the form.

**Questions:**

1. What attribute specifies the type of input field (text, email, etc.)?
2. How can you add a label to an input field?
3. What attribute specifies the action to be performed when the form is submitted?

**4. HTML Code Optimization Techniques**

**Assignment:** Analyze the provided HTML code and identify areas for optimization. Techniques might include removing unnecessary tags, minifying code, and using semantic elements.

**Questions:**

1. What are the benefits of minifying HTML code?
2. What is the difference between a semantic element and a non-semantic element?
3. How can you comment sections of your HTML code for better readability?