Introduction

This worksheet is designed to assess your understanding of basic HTML and CSS concepts. You will have 45 minutes to complete the assessment, which consists of multiple-choice questions, short-answer questions, and a project-based task.

Section 1: Multiple Choice Questions

Choose the correct answer for each question.

1. What is the purpose of the `` tag in an HTML document?
    1. A) To define the structure of the web page
    2. B) To add styles to the web page
    3. C) To link to external stylesheets
    4. D) To define the metadata of the web page
2. Which CSS selector is used to target all elements on a web page?
    1. A) `*`
    2. B) `#`
    3. C) `.`
    4. D) `~`
3. What is the difference between the `margin` and `padding` properties in CSS?
    1. A) `margin` is used to add space between elements, while `padding` is used to add space between the content and the border
    2. B) `margin` is used to add space between the content and the border, while `padding` is used to add space between elements
    3. C) `margin` is used to add a border around an element, while `padding` is used to add space between elements
    4. D) `margin` is used to add space between elements, while `padding` is used to add a border around an element

Section 2: Short Answer Questions

Answer each question in complete sentences.

1. Explain the difference between HTML and CSS. How do they work together to create a web page?

2. Describe a situation where you would use the `display` property in CSS to change the layout of an element. Provide an example of how you would use this property in a CSS rule.

Section 3: Project-Based Task

Create a simple web page using HTML and CSS that includes the following elements:

- A heading with the text "My Web Page"
- A paragraph with the text "This is my web page."
- A link to an external website (e.g. Google)
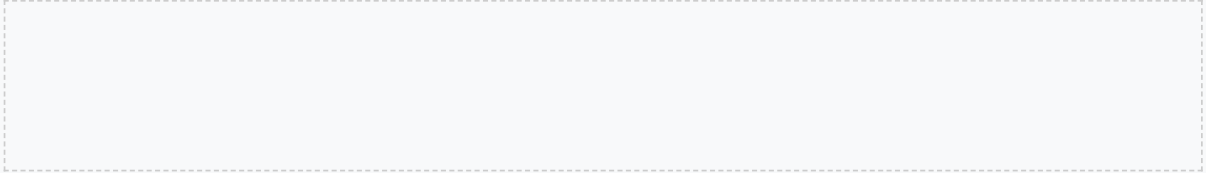- A styled button with the text "Click me!"

Project Requirements:

You will be assessed on your ability to write clean and readable code, as well as your ability to apply HTML and CSS concepts to create a functional web page.

Additional Activities

Complete the following activities to reinforce your understanding of HTML and CSS.
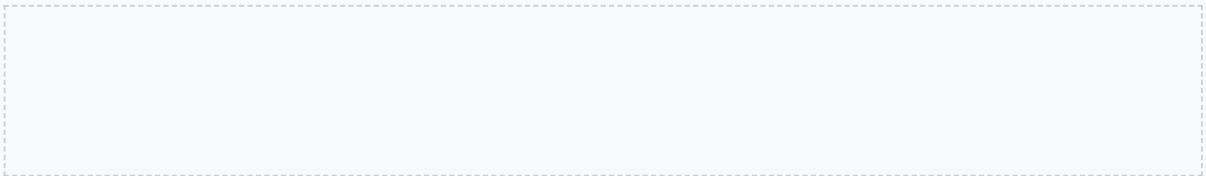
1. Create a graphic organizer to help you plan and organize your web page

2. Write a short reflection on what you learned about HTML and CSS during this assessment

3. Design a logo for your web page using CSS

Assessment Rubric

Your assessment will be graded based on the following criteria:

- Multiple Choice Questions (3 points)
- Short Answer Questions (10 points)
- Project-Based Task (15 points)
- Additional Activities (5 points)

Note

Please ensure that you have access to a computer or device with a text editor or code editor. You may ask questions and seek help as needed. Please provide your name and class on the top of each page.

Conclusion

Congratulations on completing the HTML and CSS assessment! We hope you learned something new and had fun creating your own web page. Remember to review the assessment rubric and note to ensure that you understand what is expected of you. Good luck!