

Student Name: _____

Class: _____

Due Date: _____

Page 1: Introduction to HTML

Welcome to the world of HTML! HTML (Hypertext Markup Language) is the standard markup language used to create web pages. In this homework sheet, you will learn the basics of HTML and how to create your own web pages.

Activity 1: HTML Basics

1. What does HTML stand for?

2. What is the purpose of HTML?

3. What are the basic elements of an HTML document?

HTML tags are used to define the structure and content of a web page. Here are some common HTML tags:

- `<h1>`: Heading
- `<p>`: Paragraph
- `<img>`: Image
- `<a>`: Link

Activity 2: HTML Tags

1. What is the purpose of the `<h1>` tag?

2. What is the purpose of the `<p>` tag?

3. How do you add an image to a web page using HTML?

An HTML document consists of a series of elements, including headings, paragraphs, images, and links. The structure of an HTML document is as follows:

- `<html>`: Root element
- `<head>`: Head section
- `<body>`: Body section

Activity 3: HTML Structure

1. What is the purpose of the `<html>` tag?

2. What is the purpose of the `<head>` tag?

3. What is the purpose of the `<body>` tag?

Now it's your turn to create a web page! Using the HTML tags and structure you have learned, create a simple web page that includes:

- A heading
- A paragraph
- An image
- A link

Activity 4: Creating a Web Page

Create your web page using the following template:

```
<html>
<head>
<title>My Web Page</title>
</head>
<body>
<h1>My Heading</h1>
<p>My paragraph</p>

<a href="https://www.example.com">My link</a>
</body>
</html>
```

Replace the placeholder text with your own content.

Test your knowledge of HTML with the following quiz:

1. What is the purpose of the `<title>` tag?

- a) To define the title of the web page
- b) To define the heading of the web page
- c) To define the paragraph of the web page
- d) To define the image of the web page

2. What is the purpose of the `<img>` tag?

- a) To add a link to a web page
- b) To add an image to a web page
- c) To add a heading to a web page
- d) To add a paragraph to a web page

Play the following HTML games to practice your skills:

- HTML Tag Match: Match the HTML tags with their corresponding descriptions.
- HTML Code Completion: Complete the HTML code to create a simple web page.

Activity 6: HTML Games

Complete the following HTML code to create a simple web page:

```
<html>
<head>
<title>My Web Page</title>
</head>
<body>
<h1>My Heading</h1>
<p>My paragraph</p>

<a href="https://www.example.com">My link</a>
</body>
</html>
```

Replace the placeholder text with your own content.

Here are some additional resources to help you learn HTML:

- W3Schools: A website that provides tutorials, examples, and reference materials for HTML.
- Mozilla Developer Network: A website that provides documentation, tutorials, and examples for HTML.

Activity 7: HTML Resources

Visit the W3Schools website and complete the following tutorials:

- HTML Introduction
- HTML Basic
- HTML Elements

Create a simple web page that showcases your knowledge of HTML. Include the following elements:

- A heading
- A paragraph
- An image
- A link
- A table
- A list

Activity 8: HTML Project

Create your web page using the following template:

```
<html>
<head>
<title>My Web Page</title>
</head>
<body>
<h1>My Heading</h1>
<p>My paragraph</p>

<a href="https://www.example.com">My link</a>
<table>
<tr>
<th>Name</th>
<th>Age</th>
</tr>
<tr>
<td>John</td>
<td>25</td>
</tr>
</table>
<ul>
<li>Item 1</li>
<li>Item 2</li>
<li>Item 3</li>
</ul>
</body>
</html>
```

Replace the placeholder text with your own content.

Reflect on what you have learned about HTML. What did you find easy or difficult? What would you like to learn more about?

Activity 9: HTML Reflection

Write a short reflection on your experience learning HTML:

Congratulations! You have completed the HTML homework sheet. Print out this certificate to show off your skills.

HTML Certificate

I certify that I have completed the HTML homework sheet and have a basic understanding of HTML.

Signature: _____

Date: _____