

With HTML you can create your own Website. HTML is the standard markup language for Web pages.

1. What is HTML?

- HTML stands for Hyper Text Markup Language
- HTML is the standard markup language for creating Web pages
- HTML describes the structure of a Web page
- HTML consists of a series of elements
- HTML elements tell the browser how to display the content
- HTML elements label pieces of content such as "this is a heading", "this is a paragraph", "this is a link", etc.

2. HTML Page Structure

Below is a visualization of an HTML page structure:

```
<html>
  <head>
    <title>Page title</title>
  </head>

  <body>
    <h1>This is a heading</h1>
    <p>This is a paragraph.</p>
    <p>This is another paragraph.</p>
  </body>
</html>
```

3. HTML Headings

HTML headings are defined with the **<h1>** to **<h6>** tags.

<h1> defines the most important heading. **<h6>** defines the least important heading:

Example:

```
<html>
  <body>
    <h1>This is heading 1</h1>
    <h2>This is heading 2</h2>
    <h3>This is heading 3</h3>
    <h4>This is heading 4</h4>
    <h5>This is heading 5</h5>
    <h6>This is heading 6</h6>
  </body>
</html>
```

Output:

Heading 1

Heading 2

Heading 3

Heading 4

Heading 5

Heading 6

Search engines use the headings to index the structure and content of your web pages.

Users often skim a page by its headings. It is important to use headings to show the document structure.

<h1> headings should be used for main headings, followed by **<h2>** headings, then the less important **<h3>**, and so on.

For example:

- **<h1>** - Page title
- **<h2>** - Section titles
- **<h3>** - Sub-sections

4. Heading Assessment

Create a quick travel guide by following this pattern.

- Have “Travel Guide” as main header. `<h1>`
- Create atleast 3 Countries you like to visit. `<h2>`
- Create Cities or Locations under each country you like to visit. `<h4>`

5. HTML Paragraphs

The HTML `<p>` element defines a paragraph.

A paragraph always starts on a new line, and browsers automatically add some white space (a margin) before and after a paragraph.

Example:

```
<p>This is a paragraph.</p>
<p>This is another paragraph.</p>
```

6. Paragraph Assessment

Write the 2 lines of reason why you want to visit the city in the paragraph tag. Do it for each city you wanted to visit.

7. Lines & Line Breaks

The `<hr>` tag defines a thematic break in an HTML page, and is most often displayed as a horizontal rule.

The HTML `
` element defines a line break.

Use `
` if you want a line break (a new line) without starting a new paragraph:

8. Lines Assessment

Create horizontal rule (line) before each country you listed to visit.

Great! Now your first HTML page listed all places you like to visit in a good way!
