

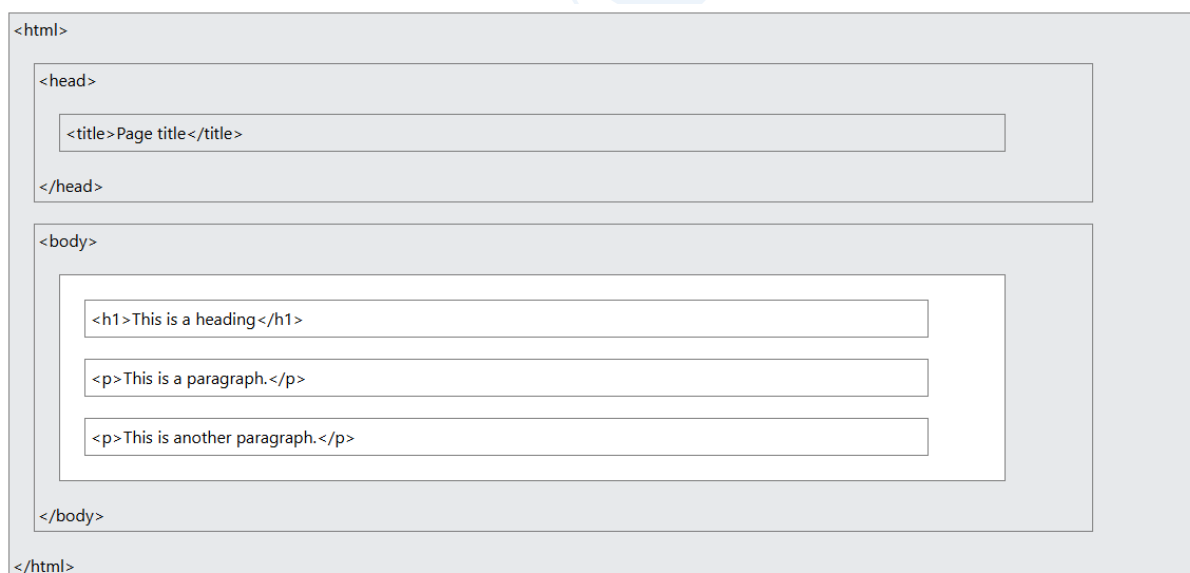
With HTML you can create your own Website. HTML is the standard markup language for Web pages.

## 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:



## 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 `<br>` element defines a line break.

Use `<br>` 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.

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

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