# HTML – Lesson 1

## What is HTML?

HTML is a markup language for describing web documents (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.

## HTML Example

A small HTML document:

<!DOCTYPE html>  
<html>  
<head>  
<title>Page Title</title>  
</head>  
<body>  
  
<h1>This is a Heading</h1>  
<p>This is a paragraph.</p>  
  
</body>  
</html>

## Example Explained

* The text between <**html**> and </**html**> describes web page
* The text between <**head**> and </**head**> provides a container for metadata (data about data) and is placed between the <html> tag and the <body> tag
* The text between <**title**> and </**title**> provides  the browser page title shown on browser tabs and window titles
* The text between <**body**> and </**body**> describes visible page content.
* The text between <**h1**> and </**h1**> describes define HTML headings. <h1> defines the most important heading. <h6> defines the least important heading
* The text between <**p**> and </**p**> describes defines a paragraph.

Using this description, a web browser can display a document with a heading and a paragraph.

## HTML Tags

HTML tags are keywords (tag names) surrounded by **< >** and **</ >**

Example:

Most HTML tags always come in pairs like <p> and </p>

The first tag is the <P>, the second tag is the</P>

The end tag is written like the start tag, but with a slash before the tag name.