</>**HTML**

INTRODUCTION

What is HTML?

1/3

RACK 1

</>
HTML stands for **Hyper Text Markup Language**.

- Is the standard for creating Web pages
- Defines the structure and content of a web page
- Consists of a series of elements
- Elements tell the browser how to display the content

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INTRODUCTION

What is an HTML Element?

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An HTML element is defined by start tag, some content, and closing tag.

<h1>This is a heading**</h1>** → Element
<h1> → Start tag
</h1> → End tag
This is a heading → Content

</>HTML
INTRODUCTION

What is an HTML attribute?
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Attributes provide extra information to an HTML tag.

- Attributes are always specified in the start tag
- Attributes usually come in name/value pairs:
  name="value"

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INTRODUCTION

Basic structure of an HTML document
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```html
<!DOCTYPE html>
<html>
  <head>
    <title>Document title</title>
  </head>
  <body>

  </body>
</html>
```

</>HTML
BASIC STRUCTURE

What does <!DOCTYPE> declaration do

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</>
Represents the document type.

- Helps browsers to display web pages correctly
- Appear once, at the top of the document
- **<!DOCTYPE html>** declares the document as HTML5

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BASIC STRUCTURE

What is <head> used for?

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It contains metadata and resources.

- Metadata is not displayed
- Typically define the **document title, character set, styles, scripts** and other information

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BASIC STRUCTURE

What does <body> used for?

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Defines the document's body.

It contains all the visible content of the web page, such as text, images, links, and forms.

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HISTORICAL FACT

Who invented the World Wide Web and HTML?

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Tim Berners-Lee

The World Wide Web was created by **Tim Berners-Lee** in 1989, while HTML was developed between 1990 and 1991, when he was working at CERN.