

HTML: introduction

Unit 1 – Lesson 1

What do you think when I say website?

- Click here

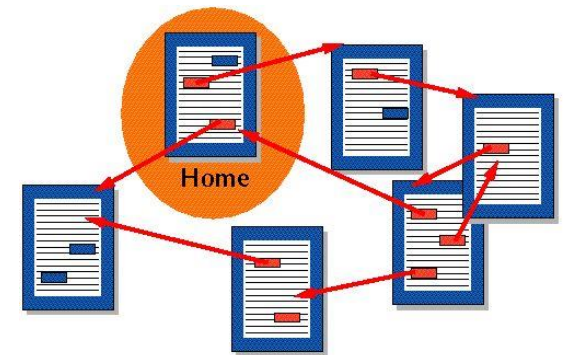


Work in pairs and answer the following questions

1. What is website?
2. What is hypertext?
3. What is web browser? Can you give some examples?

Let's give some definitions

- A website is a set of web pages and related content
- Hypertext is a text displayed on an electronic device with references (hyperlinks) to other text that the reader can immediately access
- A web browser is an application software for accessing the World Wide Web



HTML (HyperText Markup Language)

- It is the language used to create websites
- It is a markup language as it uses tags
- It is not case sensitive (uppercase and lowercase letters are treated as equivalent)

Symbols

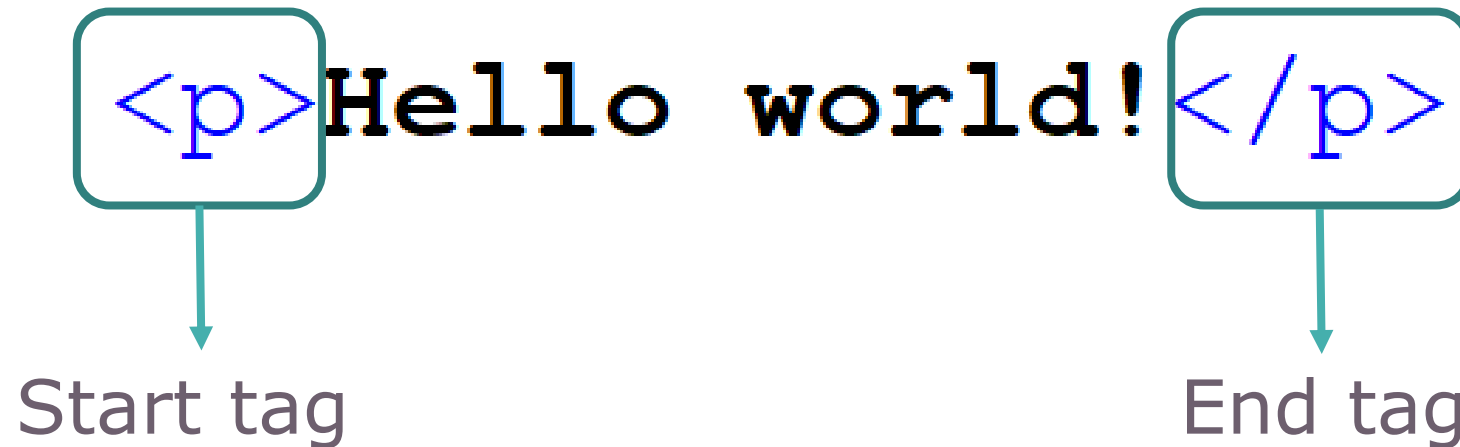
- How do you read these symbols?

Symbol	Reading
<	Less than
>	Greater than
=	Equals
“”	Quotes
/	Slash
:	Colons

Example of HTML element

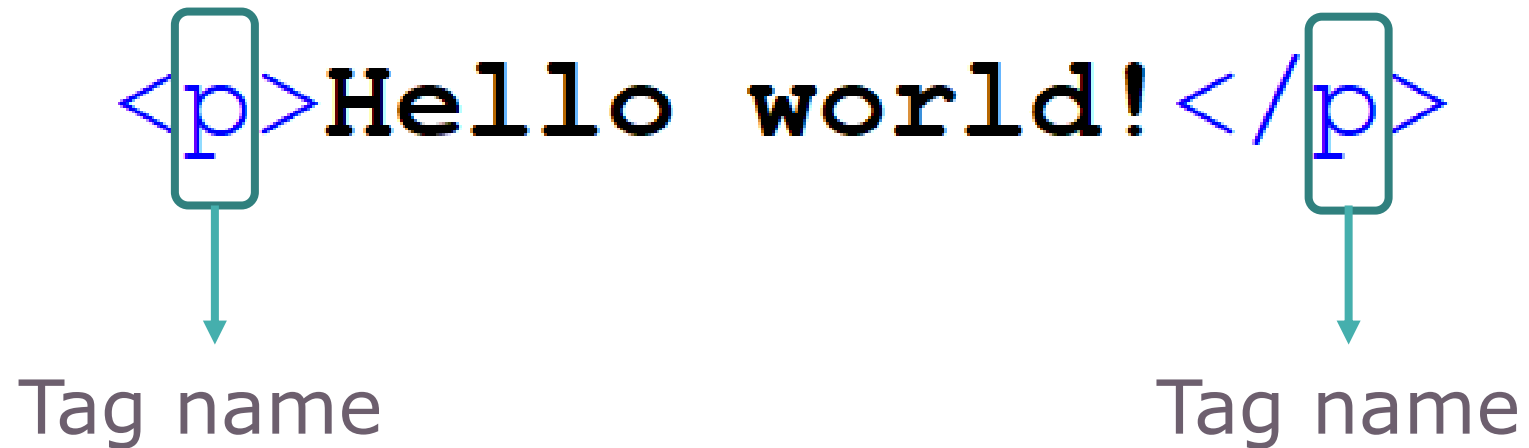
```
<p>Hello world! </p>
```

Start and End tags



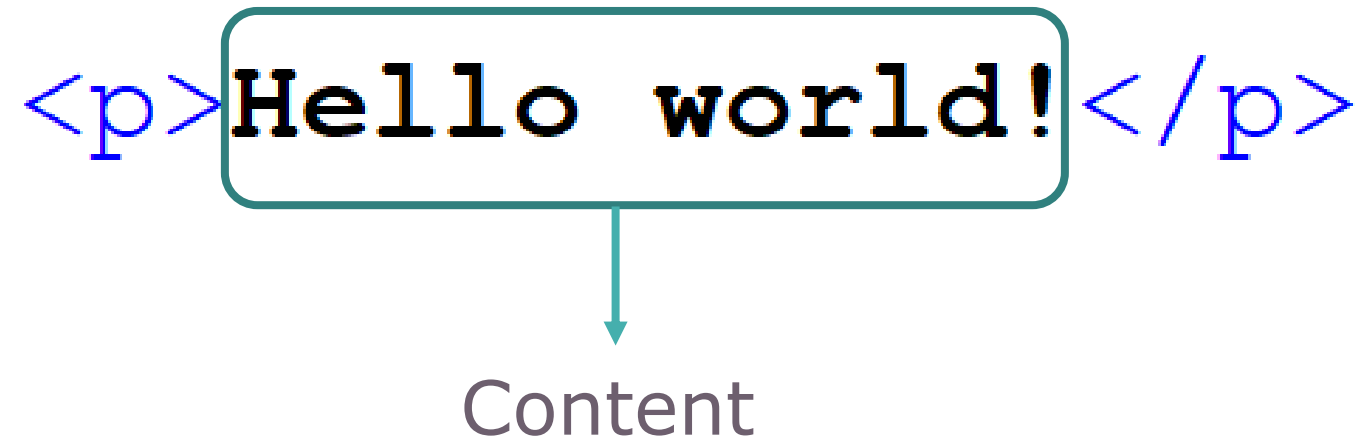
What is the difference between a start tag and an end tag?

Tag name



It indicates how the content will be displayed

Content



It is what will be displayed

Empty elements

- They only use start or end tags
- They have no content

`
`

Attributes and values

- Attributes provide additional information about an element
- Each attribute has its own value

Example



What kind of element is this?

Individual work

Analyse the following HTML page:

- Indicate whether the elements are empty or not
- Identify attributes and their values
- Indicate the tags names

```
<!DOCTYPE html>
<html>
  <head>
    <title>First example</title>
    <meta name="author" content="Luigi">
  </head>
  <body>
    <h1>My first web page</h1>
    <p>HTML is the language used to create websites.
    <br>It uses tags to display elements.
    <br>
    <a href="https://www.w3schools.com/html/default.asp">Click here</a>
    if you need more information.</p>
  </body>
</html>
```

Work in pairs

- Compare your work with your classmate
- Fill the following table:

Tag name	Empty (Y/N)	Attributes	Values
Title	N	//	//
Meta	Y	Name	author