

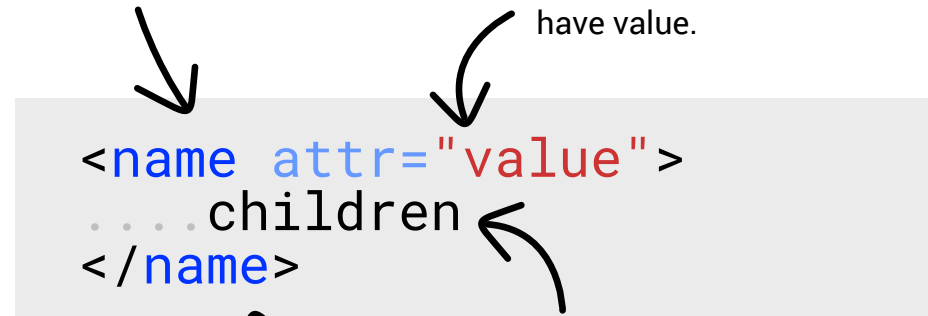
## ① Syntax to write an HTML element

### Opening Tag

Every element has an opening tag with the name of the element at its start.

### Attribute and its value (optional)

Attributes are like options of an element. Attributes have value.



```
<name attr="value">
...children
</name>
```

### Closing Tag

A closing tag has the name of the element with a forward slash "/" before it.

### Children (optional)

Between the opening and closing tags are the children of the element. This can be more elements or just plain text.



```
<name attr="value" />
```

### Self-Closing Tag

Some elements that do not have children do not need a closing tag. In this case a forward-slash "/" is added to the element's opening tag to denote a self-closing tag.

Some examples of self-closing elements are:

**img, br, hr, meta, input ....**

## ② Basic markup of every HTML page



```
<!DOCTYPE html>
<html lang="en">
  ... <head>
  ... <title>
  ... page title here
  ... </title>
  ... </head>

  ... <body>
  ...
  ... page content
  ... goes here
  ...
  ... </body>
</html>
```

### Code Formatting

For good code formatting, remember to indent the children by 2 or 4 spaces.

## ③ Commonly used HTML elements

```
<h1> ... <h6>
<p>
<i> <strong>
<a>
<div>
<span>
```

### lists:

```
<ul> <ol> <li>
```

### Special formatting

```
<blockquote> <pre>
```

### multimedia:

```
<img /> <video>
<audio>
```

### separators:

```
<hr /> <br />
```