HTML & CSS

Tahaluf Training Center 2021

شركــة تحالــف الإمـــارات للحـــــول التقنيـة ذ.م.م.
TAHALUF AL EMARAT TECHNICAL SOLUTIONS L.L.C.
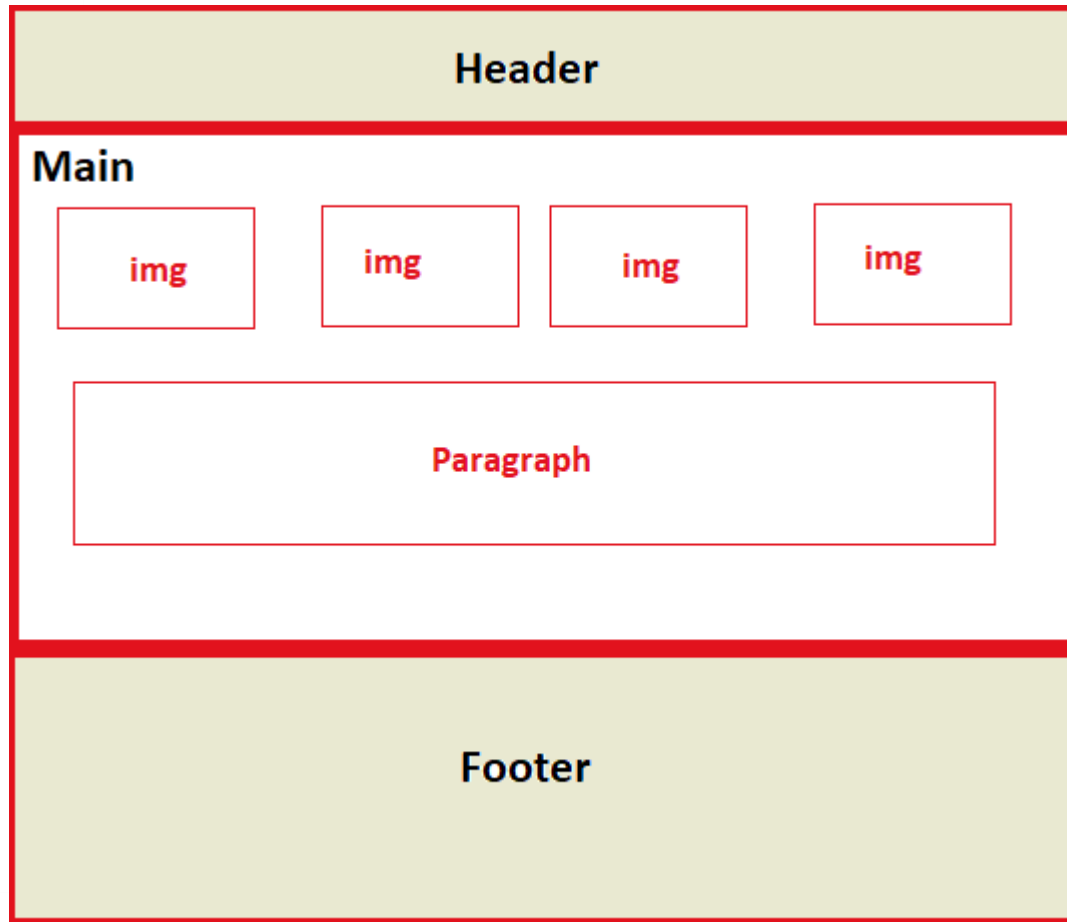
Day 01

✓ **HTML** stands for **H**yper **T**ext **M**arkup **L**anguage.

✓ **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.

Web Page Layout

✓ **HTML** consists of a series of elements.

✓ An **HTML element** is defined by a start tag, content, and an end tag:

<tagname>Content</tagname>

The **<html>** element is the root element of an HTML page.

The **<head>** element contains meta information about the document.

The **<title>** element specifies a title for the document.

The **<body>** element contains the visible page content.

```html
<!DOCTYPE html>
<html>
<head>
    <meta charset="utf-8" />
    <title></title>
</head>
<body>

</body>
</html>
```

<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>

<p>This is my first paragraph.</p>

<p>This is another paragraph.</p>

Bold

```
<b> bold text </b>
<strong> Strong text </strong>
```

Horizontal rule

```
<p>text here</p>
<hr>
<p>text 2 here </p>
```

```
<a href="url">link text</a>

<a href="https://www.tahaluf.ae/">Tahaluf Website</a>
```

Target

```
<a href="…" target="_self"> Click Here </a>
<a href="…" target="_blank"> Click Here </a>
```

_blank	Load in a new window
_self	Load in the same frame as it was clicked
_parent	Load in the parent frameset
_top	Load in the full body of the window
framename	Load in a named frame

Attribute

Attribute

```
<img src="url" alt="alternatetext">
```

Absolute File Paths

An absolute file path is the full URL to a file:

```
<img src="https://images.unsplash.com/photo-1494548162494-
384bba4ab999?ixid=MXwxMjA3fDB8MHxzZWFyY2h8MXx8ZGF3bnxlbnwwf
HwwfA%3D%3D&ixlib=rb-1.2.1&w=1000&q=80" alt="Mountain">
```

Relative File Paths

A relative file path points to a file relative to the current page.

```
<img src="/images/picture.jpg" alt="Mountain">
```

It is best practice to use relative file paths (if possible).

HTML Attributes

✓ All HTML elements can have **attributes.**

✓ Attributes provide **additional information** about elements.

✓ Attributes are always specified in **the start tag.**

✓ Attributes usually come in name/value pairs like: **name="value"**

The HTML style attribute is used to add styles to an element, such as color, font, size, and more.

```
<tagname style="property:value;">
```

HTML comments are not displayed in the browser, but they can help document your HTML source code.

```
<!-- Write your comments here -->
```

```
<div>
    div 1
</div>

<div>
    div 2
</div>
```

```
<div>
    <a href="…"></a>
</div>

<div>
    <img src="…"></a>
</div>
```

HTML Tags (List)

Unordered List

Ordered List

```
<ul>
    <li> list 1  </li>
    <li> list 2  </li>
    <li> list 3  </li>
    <li> list 4  </li>
    <li> list 5  </li>
</ul>
```

```
<ol>
    <li> list 1 </li>
    <li> list 2 </li>
    <li> list 3 </li>
    <li> list 4 </li>
    <li> list 5 </li>
</ol>
```

```
<table>
    <thead>
        <tr>…</tr>
    </thead>
    <tbody>
        <tr>…</tr>
    </tbody>
    <tfoot>
        <tr>…</tr>
    </tfoot>
</table>
```

```
<table>
    <thead>
        <tr>
            <th> head 1 </th>
            <th> head 2 </th>
        </tr>
    </thead>
    <tbody>
        <tr>
            <td> body 1 </td>
            <td> body 2 </td>
        </tr>
    </tbody>
</table>
```

```
<table>
    <thead>
        <tr>
            <th colspan="2"> head 1 </th>
        </tr>
    </thead>
    <tbody>
        <tr>
            <td> body 1 </td>
            <td> body 2 </td>
        </tr>
    </tbody>
</table>
```

colspan
rowspan