

**HTML**

Hyper**T**ext **M**arkup **L**anguage

**MARKUP LANGUAGE**

**CSS**

Cascade **S**tyle **S**heet

**STYLING LANGUAGE**

**JS**

Java **S**cript

**PROGRAMMING LANGUAGE**

المركز الثقافي الروسي قسم الكمبيوتر  
December 22, 2023 · 🌐

مبروك مصر مبروك الاهلي مبروك المصريين ... من افضل فرق العالم  
-الميدالية البرونزية- علي العالم فعلا الاهلي عظيم



YOUTUBE.COM  
#معاك\_يا\_اهلي WE  
من زمان كتفى فى كتفك و معاك فى أى مكانيس تناديننا تلاقى الكورن مليوننا...

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# HOW WEBSITES ARE LOADED?

## URL

Uniform Resource Location

**Resources** can be: webpage, images, font, videos, audio ....etc

`https://www.tastyfood.com/about`

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_



Protocol

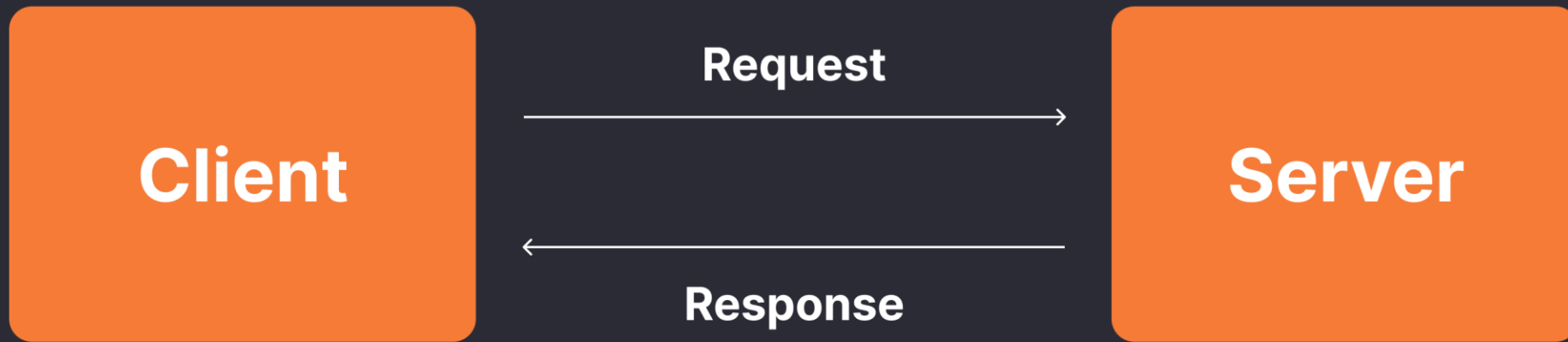


Domain



Path or Route

# HOW WEBSITES ARE LOADED?



# FILE & FOLDER NAMING CONVENTIONS

Not Allowed

TAB SPACE " < >

[ ] { } \ ^ ` | ~

Allowed

@ = & % #

/ ? : ;

- Spaces are NOT ALLOWED in URLs instead use Fake spaces by using the underscore
- Best practice is to use only lower-case alphanumeric characters and the underscore when naming files & folders

# HTML BASIC STRUCTURE

```
<!DOCTYPE html>
```

```
<html>
```

```
<head> </head>
```

```
<body> </body>
```

```
</html>
```

# HTML ELEMENTS, TAGS AND ATTRIBUTES



**HTML** tags are tag names surrounded by angle brackets and **usually** come in pairs because some tags are self closing.

The first tag is called the opening tag and the second tag is called the closing tag.

**Attributes** provide extra information about an element and are always specified in the opening tag, like so: `<tag attribute="value"></tag>`

**Attribute** values should be enclosed within quotation You may come across something like: `<tag attribute=value></tag>`

**But** using quotation marks is more common, cleaner, and best practice.

# HTML ELEMENTS LEVEL TYPES

## Block

- Always start new line, occupy the whole line from edge to edge and stack on top of each other.
- Accept width and height properties as well as top and bottom margins.

## Inline

- Can start anywhere inside a line, they can sit next to other inline element, and they are only as wide as their content.
- Don't Accept width and height properties or top and bottom margins.



# BLOCK LEVEL ELEMENTS

`<address>`

`<article>`

`<aside>`

`<blockquote>`

`<details>`

`<fieldset>`

`<figcaption>`

`<figure>`

`<footer>`

`<form>`

`<h1>, <h2>, <h3>, <h4>, <h5>, <h6>`

`<header>`

`<hr>`

`<li>`

`<main>`

`<nav>`

`<ol>`

`<p>`

`<pre>`

`<dialog>`

`<dd>`

`<div>`

`<dl>`

`<dt>`

`<section>`

`<table>`

`<ul>`

`<hgroup>`

# INLINE LEVEL ELEMENTS

`<a>`

`<abbr>`

`<acronym>`

`<audio>`

`<b>`

`<bdi>`

`<bdo>`

`<slot>`

`<big>`

`<br>`

`<button>`

`<canvas>`

`<cite>`

`<code>`

`<small>`

`<wbr>`

`<data>`

`<datalist>`

`<del>`

`<dfn>`

`<em>`

`<embed>`

`<span>`

`<video>`

`<i>`

`<iframe>`

`<img>`

`<input>`

`<ins>`

`<kbd>`

`<label>`

`<strong>`

`<map>`

`<mark>`

`<meter>`

`<noscript>`

`<object>`

`<output>`

`<picture>`

`<progress>`

`<q>`

`<ruby>`

`<s>`

`<samp>`

`<script>`

`<select>`

`<sub>`

`<sup>`

`<svg>`

`<template>`

`<textarea>`

`<time>`

`<u>`

`<tt>`

`<var>`

# HTML has a lot of Text-related elements that we use to organize content

Paragraph `<p></p>`

Headings `<h1>` through `</h6>`

`<blockquote></blockquote>`

Unorder list `<ul></ul>`

Order list `<ol></ol>`

Definition list `<dl><dt></dt><dd></dd></dl>`

`<strong></strong>`

Anchor element `<a> </a>`

`<em></em>`

`<small></small>`

`<mark></mark>`

`<q></q>`

`<b></b>`

`<i></i>`

`<u></u>`

`<br >`

`<hr >`

# Working with most common used HTML elements

## Images `<img>`

- Attributes (scr, alt, width, and height)
- inline element and can be link

## Tables `<table> </table>`

- `<tr><th></th></tr>`
- `<tr><td></td></tr>`

## Forms `<form> </form>`

- `<tr><th></th></tr>`
- `<tr><td></td></tr>`

`<div> </div>` and `<span> </span>`

`iframe <form> </form>`