



# **Agenda**

- What is a browser?
- What is HTML
- Html tags
  - Links
  - Images
  - Headers
  - Tables
- Attributes
- Style properties
- Block and inline elements
- Inline CSS



## What is a Browser





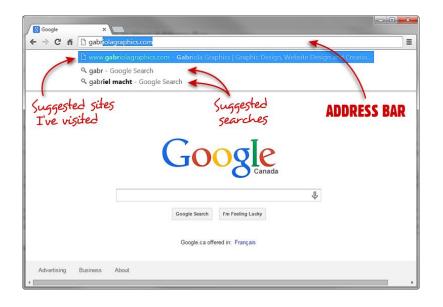




#### What is a Browser

- A Browser is a software on our computer that allows us to browse resources on the web
- We can access different URLs using the address bar

**URL: Uniform Resource Locator** 



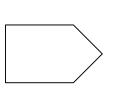




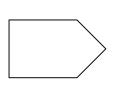
#### What is a Browser

#### The browser reads and renders HTML into a visual format











#### **HTML CSS JS**

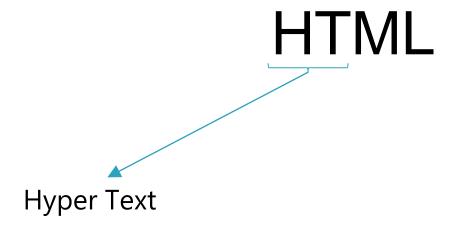


HTML = Structure. What is in the page

CSS = Design. How it looks like

Javascript = Interactivity. How it behaves?



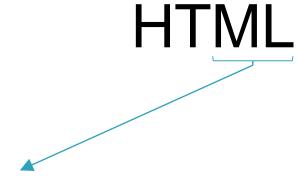


Text which contains links to other texts

The book wheel 1588







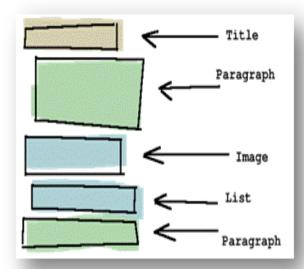
#### Markup Language

is a system for annotating a document in a way that is syntactically distinguishable from the text.



OR (in day to day language)

A language that uses tags to define elements within a document





HTML is actually a language that enables us to describe documents textually

Like the following (ugly) document:





Or the following (boring) document:



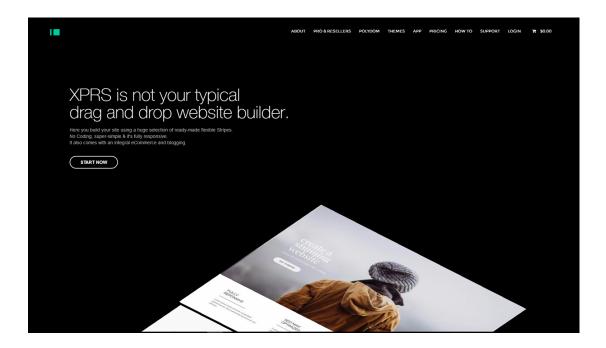


#### Or this (outdated design) one





And even the following (amazing) document



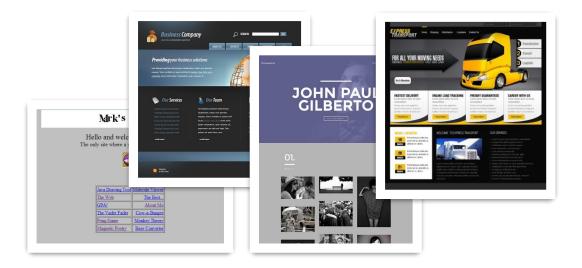


And every other page online...





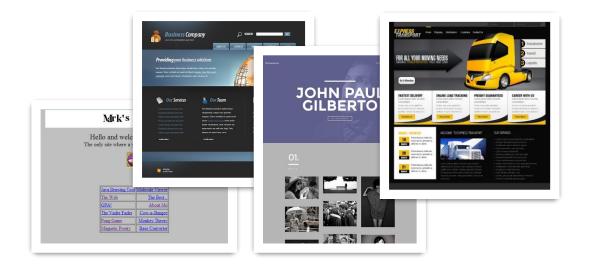
All of these pages are described only by text





Today we will start learning the tools that will help us create amazing web pages.

We will start with HTML that is in charge of the structure.





# **HOW?**

The three building blocks of every HTML document:



**Elements** 



**Attributes** 



Content



#### What are the basic elements of a document?



My paragraph Lorem ipsum dolor sit amet, consectetur adipiscing elit. Sed vel faucibus nibh, ut bibendum mauris. Sed vitae urna lorem. Aliquam mattis neque non enim suscipit, non fermentum enim porttitor. Nunc dignissim tempus libero, ut pulvinar purus tincidunt nec. Proin sit amet nibh id orci feugiat varius. Proin scelerisque, sapien ut dictum egestas, nibh sem feugiat sapien, a feugiat velit sem vitae risus. Vivamus cursus, libero sed feugiat lobortis, urna ex volutpat nisi, quis egestas purus metus ac sem. In consequat in velit vel hendrerit. Nunc non nisl id tortor porttitor mollis. Aliquam sagittis ex sit amet ullamcorper faucibus.

And surely there will be some text or a paragraph



So if we create a basic webpage in a notepad, our notepad text will look like this:

And we need a way to let the computer know that this is a title



My title
My subtitle

My paragraph Lorem ipsum dolor sit amet, consectetur adipiscing elit. Sed vel faucibus nibh, ut bibendum mauris. Sed vitae urna lorem. Aliquam mattis neque non enim suscipit, non fermentum enim porttitor. Nunc dignissim tempus libero, ut pulvinar purus tincidunt nec. Proin sit amet nibh id orci feugiat varius. Proin scelerisque, sapien ut dictum egestas, nibh sem feugiat sapien, a feugiat velit sem vitae risus. Vivamus cursus, libero sed feugiat lobortis, urna ex volutpat nisi, quis egestas purus metus ac sem. In consequat in velit vel hendrerit. Nunc non nisl id tortor porttitor mollis. Aliquam sagittis ex sit amet ullamcorper faucibus.



#### So far we have content

My title



My paragraph Lorem ipsum dolor sit amet, consectetur adipiscing elit. Sed vel faucibus nibh, ut bibendum mauris. Sed vitae urna lorem. Aliquam mattis neque non enim suscipit, non fermentum enim porttitor. Nunc dignissim tempus libero, ut pulvinar purus tincidunt nec. Proin sit amet nibh id orci feugiat varius. Proin scelerisque, sapien ut dictum egestas, nibh sem feugiat sapien, a feugiat velit sem vitae risus. Vivamus cursus, libero sed feugiat lobortis, urna ex volutpat nisi, quis egestas purus metus ac sem. In consequat in velit vel hendrerit. Nunc non nisl id tortor porttitor mollis. Aliquam sagittis ex sit amet ullamcorper faucibus.

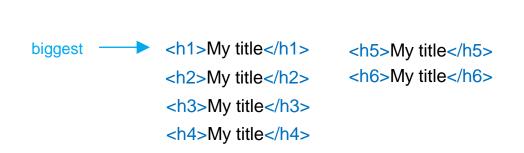


In order to define an element (in our case a title element) we need to wrap it with a tag.

This is how it looks:



Actually, the "title" tag is reserved for a different use... In HTML we have the **heading tag**The heading tag has 6 different sizes (1 is the biggest):







# Links

# Syntax

We have an opening tag and a closing tag that is prefixed with a "/"



#### Back to notepad





My paragraph Lorem ipsum dolor sit amet, consectetur adipiscing elit. Sed vel faucibus nibh, ut bibendum mauris. Sed vitae urna lorem.

Aliquam mattis neque non enim suscipit, non fermentum enim porttitor. Nunc dignissim tempus libero, ut pulvinar purus tincidunt nec. Proin sit amet nibh id orci feugiat varius. Proin scelerisque, sapien ut dictum egestas, nibh sem feugiat sapien, a feugiat velit sem vitae risus. Vivamus cursus, libero sed feugiat lobortis, urna ex volutpat nisi, quis egestas purus metus ac sem.

In consequat in velit vel hendrerit. Nunc non nisl id tortor porttitor mollis. Aliquam sagittis ex sit amet ullamcorper faucibus



#### A paragraph element is denoted by the **p** tag



Now you've got 7 HTML tags

Here is where the paragraph starts

<h1>My title</h1>
<h3>My subtitle</h3>

My paragraph Lorem ipsum dolor sit amet, consectetur adipiscing elit. Sed vel faucibus nibh, ut bibendum mauris. Sed vitae urna lorem.

Aliquam mattis neque non enim suscipit, non fermentum enim porttitor. Nunc dignissim tempus libero, ut pulvinar purus tincidunt nec. Proin sit amet nibh id orci feugiat varius. Proin scelerisque, sapien ut dictum egestas, nibh sem feugiat sapien, a feugiat velit sem vitae risus. Vivamus cursus, libero sed feugiat lobortis, urna ex volutpat nisi, quis egestas purus metus ac sem.

In consequat in velit vel hendrerit. Nunc non nisl id tortor porttitor mollis. Aliquam sagittis ex sit amet ullamcorper faucibus

And here is where it ends



**HTML tag**: in order to have a well formed HTML document, we will need to add some changes

First we need to declare that this is an HTML document

```
<html>
    <h1>My title</h1>
    <h3>My subtitle</h3>
    My paragraph Lorem ipsum dolor sit amet, consectetur adipiscing
    elit. Sed vel faucibus nibh, ut bibendum mauris. Sed vitae urna
    lorem.
    Aliquam mattis neque non enim suscipit, non fermentum enim
    porttitor. Nunc dignissim tempus libero, ut pulvinar purus
    tincidunt nec. Proin sit amet nibh id orci feugiat varius. Proin
    scelerisque, sapien ut dictum egestas, nibh sem feugiat sapien, a
    feugiat velit sem vitae risus. Vivamus cursus, libero sed feugiat
    lobortis, urna ex volutpat nisi, quis egestas purus metus ac sem.
    In consequat in velit vel hendrerit. Nunc non nisl id tortor
    porttitor mollis. Aliquam sagittis ex sit amet ullamcorper
    faucibus
</html>
```



Nesting: Notice that elements can contain not just text, but other elements as well



**Head**: Now we need a place to write some information about the document (meta data), like who wrote it, or what is the document's title etc. This part of the page is invisible.

There is a special tag for that, it is called the head tag We will just add it under the HTML tag (we will use it later)

```
<html>
   <head></head>
    <h1>My title</h1>
    <h3>My subtitle</h3>
    My paragraph Lorem ipsum dolor sit amet, consectetur adipiscing
    elit. Sed vel faucibus nibh, ut bibendum mauris. Sed vitae urna
    lorem.
    Aliquam mattis neque non enim suscipit, non fermentum enim
    porttitor. Nunc dignissim tempus libero, ut pulvinar purus
    tincidunt nec. Proin sit amet nibh id orci feugiat varius. Proin
    scelerisque, sapien ut dictum egestas, nibh sem feugiat sapien, a
    feugiat velit sem vitae risus. Vivamus cursus, libero sed feugiat
    lobortis, urna ex volutpat nisi, quis egestas purus metus ac sem.
    In consequat in velit vel hendrerit. Nunc non nisl id tortor
    porttitor mollis. Aliquam sagittis ex sit amet ullamcorper
    faucibus
</html>
```

**Body**: In order to differentiate between the meta data of the document and the visible part of it, we use the body tag

```
<html>
   <head></head>
   <body>
    <h1>My title</h1>
    <h3>My subtitle</h3>
    My paragraph Lorem ipsum dolor sit amet, consectetur adipiscing
    elit. Sed vel faucibus nibh, ut bibendum mauris. Sed vitae urna
    lorem.
    Aliquam mattis neque non enim suscipit, non fermentum enim
    porttitor. Nunc dignissim tempus libero, ut pulvinar purus
    tincidunt nec. Proin sit amet nibh id orci feugiat varius. Proin
    scelerisque, sapien ut dictum egestas, nibh sem feugiat sapien, a
    feugiat velit sem vitae risus. Vivamus cursus, libero sed feugiat
    lobortis, urna ex volutpat nisi, quis egestas purus metus ac sem.
    In consequat in velit vel hendrerit. Nunc non nisl id tortor
    porttitor mollis. Aliquam sagittis ex sit amet ullamcorper
    faucibus
   </body>
</html>
```

Voila!



We will save this file as mydoc.html
And now we can open it using a special program that was
designed to interpret HTML content and render it to the
screen

```
<html>
   <head></head>
   <body>
    <h1>My title</h1>
    <h3>My subtitle</h3>
    My paragraph Lor
                                       sit amet,
                                                          ur adipiscing
                                      ibendum mar
    elit. Sed vel fauci
                                                          vitae urna
    lorem.
    Aliquam matti
                                                       √um enim
                                                 pulvinar purus
    porttitor. N
                            t amet
    tincidunt ne
                                                 reugiat varius. Proin
    scelerisque,
                            dictum ege
                                              🥠h sem feugiat sapien, a
    feugiat velit semurtae risus. Vivamus cursus, libero sed feugiat
    lobortis, urna ex volutpat nisi, quis egestas purus metus ac sem.
    In consequat in velit vel hendrerit. Nunc non nisl id tortor
    porttitor mollis. Aliquam sagittis ex sit amet ullamcorper
    faucibus.
   </body>
</html>
```



#### And the result





Why is the paragraph presented in one piece?

Any number of spaces, and any number of new lines, count as **one space**.





**Br**: One way to control line breaks in an HTML document is using the break tag < br />

```
<html>
   <head></head>
   <body>
    <h1>My title</h1>
    <h3>My subtitle</h3>
    My paragraph Lorem ipsum dolor sit amet, consectetur adipiscing
    elit. Sed vel faucibus nibh, ut bibendum mauris. Sed vitae urna
    lorem. Aliquam mattis neque non enim suscipit, non fermentum enim
    porttitor. <br/> Nunc dignissim tempus libero, ut pulvinar purus
    tincidunt nec. Proin sit amet nibh id orci feugiat varius.<br/>
    Proin scelerisque, sapien ut dictum egestas, nibh sem feugiat
    sapien, a feugiat velit sem vitae risus. Vivamus cursus, libero sed
    feugiat lobortis, urna ex volutpat nisi, quis egestas purus metus
    ac sem.<br/>
In consequat in velit vel hendrerit. Nunc non nisl id
    tortor porttitor mollis.<br/>
Aliquam sagittis ex sit amet
    ullamcorper faucibus.
  </body>
</html>
```



The break tag is a "**void tag**", A tag that does not hold content (this is why we don't use it in pairs) – The slash is not mandatory.



#### How will we render the following page?

```
<html>
   <head>
     <title>Dinosaurs</title>
   </head>
   <body>
    <h1>Dinosaurs</h1>
    Dinosaurs, dinosaurs, <br/>
    Where have you been?<br/>>
    I've only seen you<br/>
    In books that you're in.<br/>
    Dinosaurs, dinosaurs, <br/>
    Why aren't you here?<br/>
    I want to know what<br/>
    Made you all disappear!
    .
   </body>
</html>
```

#### **Dinosaurs**

Dinosaurs, dinosaurs, Where have you been? I've only seen you In books that you're in. Dinosaurs, dinosaurs, Why aren't you here? I want to know what Made you all disappear!



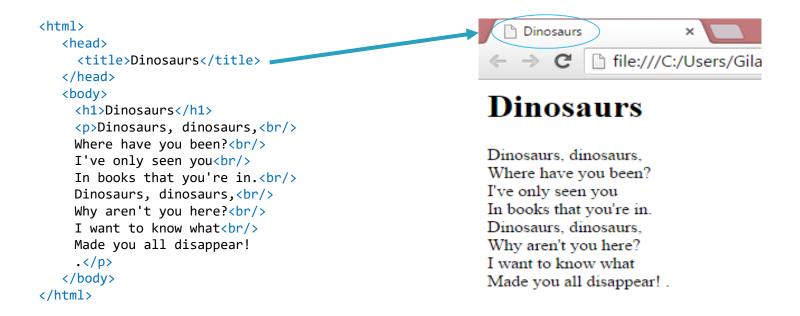
The <br/> tag is a very useful tag for rendering poems



We added something new to our document.

The title is part of the document's meta data and it will not be visible in the page itself

It will be used by the browser



<h1>Questions?</h1>

# Links

Let's explore the **HT** in HTML

The link tag (anchor) in HTML is denoted by <a>So, if we want to mark a certain text as link we should wrap It like this:





Where will we write the link's address?

**Attributes**: This is what attributes are for Attributes allow us to add properties to our elements:

```
<a href="http://www.israeltechallenge.com">link text</a>
```



# **Target Attribute**

```
Attribute Example:
For additional information please go to
<a href="http://www.israeltechallenge.com">our website</a>
For additional information please go to our website
```

There are many attributes. In the anchor case we also have the **target attribute** that tells the browser whether to open the link in a new window/tab or replace the existing one



This is the general structure of an HTML element

<tagname attribute1="value1" attribute2="value2">element content</tagname>

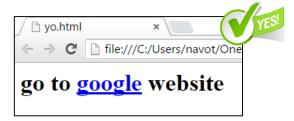
Can hold either text or another element



#### **Practice**

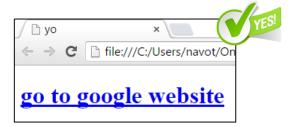
#### Is this a valid HTML tag?

<h1>go to <a href="www.google.com" >google</a> website</h1>



#### And this?

<a href="www.google.com"><h1> go to google website </h1></a>





#### Is this a valid HTML tag?

<h1>go to <br/> <br/> <a href="www.google.com" >google</a> <br/> website</h1>



#### And this?

<a href="www.google.com"><h1> go to google website </a></h1>





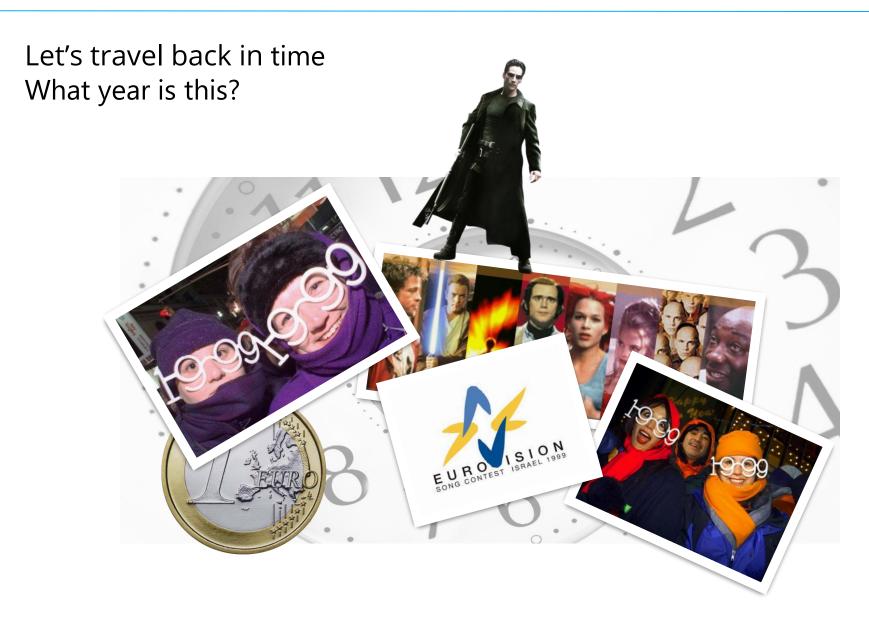
# **Knowledge Check**

```
<h2> To Do </h2>
What is h2?
What is To Do?
Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed
do eiusmod tempor incididunt
ut labore et dolore magna aliqua. Ut enim ad minim veniam, quis
nostrud exercitation ullamco
<a href="https://loremipsum.io/" target="_self">copy text</a>
<body>
    <h1>Title</h1>
</body>
<br/>
Challenge: <div class="bold">Hello</div>
```



Before we explore new tags, here are some important points to remember

- HTML tags are not case sensitive: <P> means the same as (we will use lower cased tags)
- Elements can have as many attributes as needed
- Elements can be nested ?
- Each starting tag must have a closing tag unless it is a void element





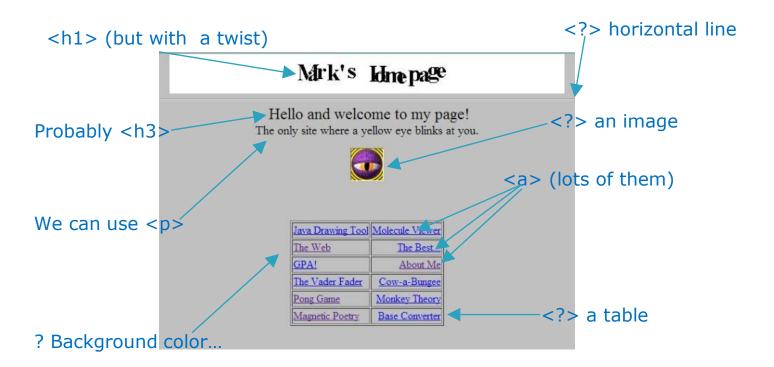
Remember the ugly site from the beginning of this lecture? It is from 1999 ... who is Mark?





Let's say we want to create this web page using HTML.

Which HTML Elements do you recognize?





#### What we know so far...

```
<body>
     <h1>Mark's Homepage</h1>
     <h3>Hello and welcome to my page!</h3>
     The only site where a yellow eye blinks at you 
     <br/>
     <a href="">Java Drawing Tool</a><a href="">Molecule Viewer</a>
     <br/>
<br/>
     <a href="">The Web</a><a href="">The Best</a>
     <br/>
     <a href="">GPA!</a><a href="">About Me</a>
     <br/>
     <a href="">The Vader Fader</a><a href="">Cow-a-Bungee</a>
     <br/>
     <a href="">Pong Game</a><a href="">Monkey Theory</a>
     <br/>
     <a href="">Magnetic Poetry</a><a href="">Base Converter</a>
</body>
```



#### What we know so far...







#### Mark's Homepage

#### Hello and welcome to my page!

The only site where a yellow eye blinks at you

Java Drawing ToolMolecule Viewer The WebThe Best GPA!About Me The Vader FaderCow-a-Bungee Pong GameMonkey Theory Magnetic PoetryBase Converter





We need some new tags

The image element is a void element denoted by img







The src attribute (mandatory) holds the image location:

An absolute

path

http://www.angelfire.com/ny/mez51/blinking\_eye.jpg

C:\Users\navot\IsraelTechChallenge\bwb\blinking\_eye.jpg

A relative path

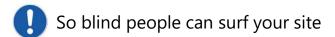
./images/blinking\_eye.jpg

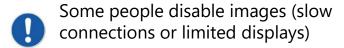




The alt attribute holds the image description and it is mandatory as well:

What is it for?







alt stands for alternate text



<img src="./blinking\_eye.jpg" alt="a blinking eye" />



The image is located in the same folder as the .html file





<h1>Questions?</h1>



Next, the horizontal line

The horizontal line is <br/>
's big brother,
Like <br/>
it is a void element and it is used as a divider

<hr/>

**Horizontal Rules** 

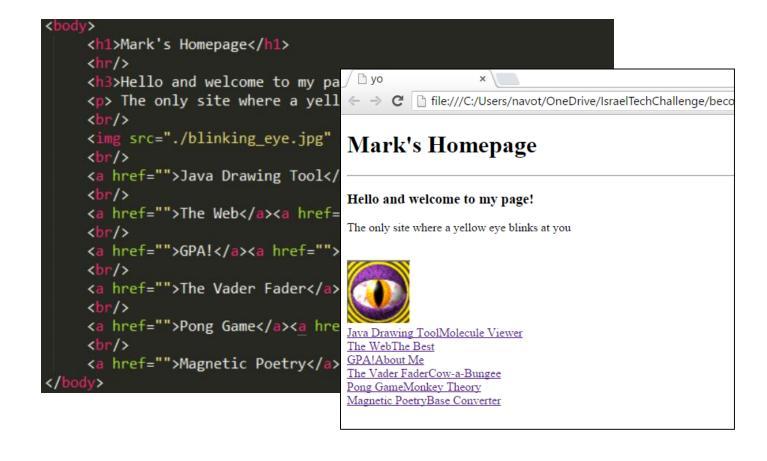


Now you've got 16 HTML tags



```
<h1>Mark's Homepage</h1>
<hr/>
<h3>Hello and welcome to my page!</h3>
The only site where a yellow eye blinks at you 
<br/>
<img src="./blinking_eye.jpg" alt="a blinking eye" />
<a href="">Java Drawing Tool</a><a href="">Molecule Viewer</a>
<a href="">The Web</a><a href="">The Best</a>
<a href="">GPA!</a><a href="">About Me</a>
<a href="">The Vader Fader</a><a href="">Cow-a-Bungee</a>
<a href="">Pong Game</a><a href="">Monkey Theory</a>
<br/>>
<a href="">Magnetic Poetry</a><a href="">Base Converter</a>
```







**Table**: The table element is a bit more complex It is actually a combination of at least three element types



The  **element** can only contain a  **element**,<br/>Our table data will sit inside the **<**td> element



There are many additional attributes and tags that are associated with the table element, at this point in order to keep things simple we will not mention them















We are getting close...

We can say that content wise the pages are similar



Content ✓

Now that we find out how to describe a document's content using HTML tags, We need a way to describe its style.

Style?

In our little project we need a way to set the background color and the text alignment, but there are many more style properties we can use



#### **Style attribute**

Style is another attribute that an element can have.

i.e. our body element can have the following style attribute:

```
<body style="background-color:grey;">
   .
   .
   .
   //body>
```



```
<body style="background-color:grey;">
.
.
.
.
</body>

Mark's
```





#### **Style Syntax**

Style attribute has a special syntax

```
style="key1:value1; key2:value2"
```



# **Style:** text align















Some more style tweaks

And we are capable of building a 1999 dated

website

It's his thumb



# tëch challenge

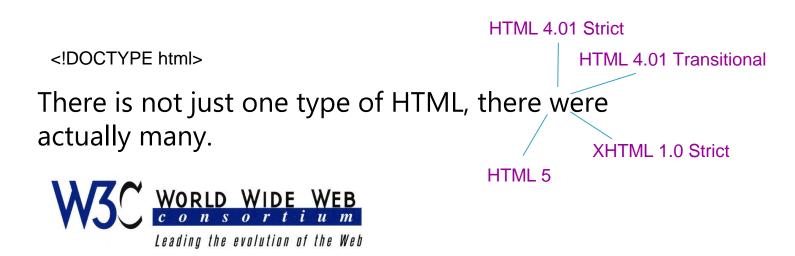
Find Mark Zuckerberg's website from 1999 online (or any other backup)





```
yo.html
  <!DOCTYPE html>
                                                          Few things to notice
        <title> yo </title>
                                                             Indentation
        <meta charset="UTF-8">
        <meta name="author" content="Mark Zuckerberg">
                                                             Comments
     </head>
     <body style="background-color:darkgrey;text-align:center;">
        <h1 style="background-color:white;padding:20px;margin: 0px
                                                              Doctype
        <hr/>
        <h3>Hello and welcome to my page!</h3>
                                                              charset
        The only site where a yellow eye blinks at you 
        <br/>>
        <img src="./blinking eye.jpg" alt="a blinking eye" />
        <br/><br/><br/><br/>
        <a href="">Java Drawing Tool</a><a href="">Molecule Viewer</a>
           <a href="">The Web</a><a href="">The Best</a>
           <a href="">GPA!</a><a href="">About Me</a>
           <a href="">The Vader Fader</a><a href="">Cow-a-Bungee</a>
           <a href="">Pong Game</a><a href="">Monkey Theory</a>
           <a href="">Magnetic Poetry</a><a href="">Base Converter</a>
        </body>
 </html>
```





All these types of HTML are defined in their respective W3C specifications

- a doctype declaration will make a lot of guessing unnecessary, and will thus trigger a "standard" rendering mode
- Will allow you to validate your document using an HTML validator

https://validator.w3.org/



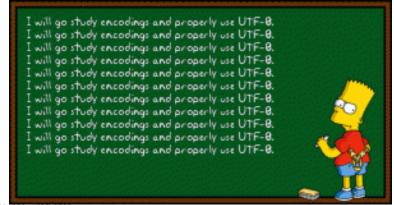
<meta charset="UTF-8">

To display an HTML page correctly, a web browser must know the character set (character encoding) to use

By using the utf-8 charset we are allowing our webpage to contain more than 10,000 different character encodings

Wrong encoding...

Ó+àñòáópò:
aðóina «Tieyðiay Çááçaa»,
Aèeuñóð Óalááa,
[@aĕi,
Ē, ða Eáiei,
Ièeáia,
Yeĕe,
Đilai Iónáaèòía,
Iáaáæaà Iàoeèía,
Eðñái,
iòeðúòèá ãiaà – ãðóiià «ðáãèii 12» è aðóãèá...



Òàêæå âàñ îæèäàåò ïàðêóð-øîó, äðåññèðfâàííúé rèòíí, ó+àñòèå ëó+øèõ òàíöãààëüíúõ êjiàíã.



#### Getting to know the people behind the code

#### **Tim Berners-Lee**

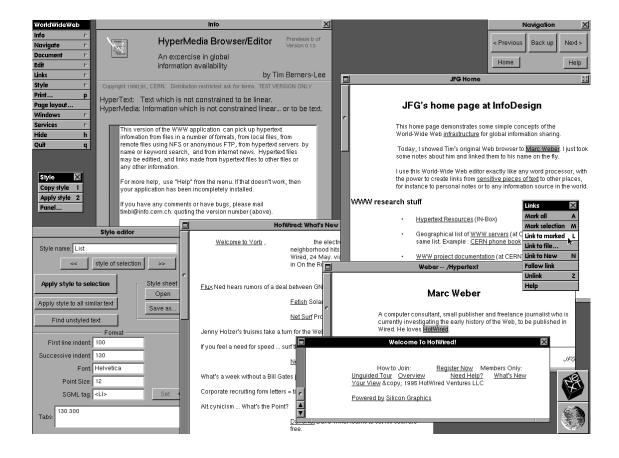
<u>Tim Berners-Lee</u> was the primary author of HTML, assisted by his colleagues at CERN, an international scientific organization based in Geneva, Switzerland. Tim Berners-Lee is currently the **Director of the World Wide Web Consortium**, the group that sets technical standards for the Web.







# **Example of First Documents**





<h1>Questions?</h1>



**Default style:** Every HTML element has a default style (background color is white and text color is black). Changing the default style of an HTML element can be done with the style attribute.



The HTML style attribute has the following **syntax**:

style="property:value; property2:value2;"



#### Some examples

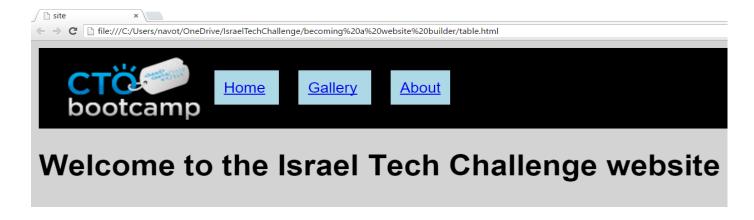




<h1>Questions?</h1>



Using the tags we learned so far, can we create the following website?



Almost...

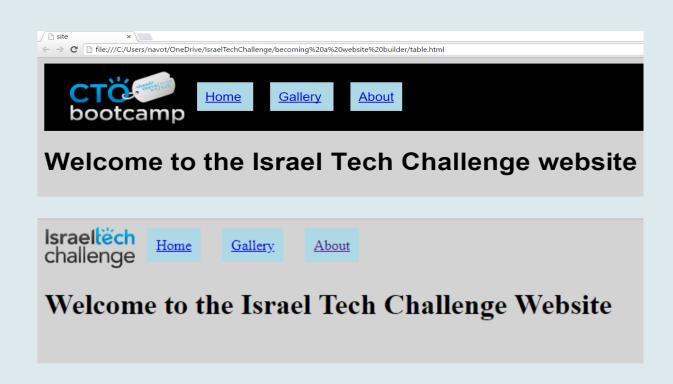


#### What we have so far





#### Result



We don't have a way to set the background color of a specific region like the menu above.

In order to do that we need a way to define a group of elements.



# **Grouping Tags – Div**

The <div> element is often used as a container for other HTML elements.

The <div> element has no required attributes, but **style** and **class** are common.

The <div> element can be used to style blocks of content



# **Grouping Tags - Span**

```
<span>
     <a href="http://www.google.com">google</a>
     <a href="http://www.w3.org">w3c</a>
</span>
```

The <span> element is often used as a container for other HTML elements.

The <span> element has no required attributes, but **style** and **class** are common.

The <span> element can be used to style adjacent peices of content



# **Grouping Tags – Div vs Span**

What is the difference?



# Display – Block

These are also block elements

A block-level element always starts on a new line and takes up the full width available (stretches out to the left and right as far as it can)

The <div> element is a **block-level element**.



# Display - Inline

```
<span>
<a>
<img>
```

These are also inline elements

An inline element does not start on a new line and only takes up as much width as necessary.

The <span> element is a inline-level element.



### Inline vs block element

div: I am a block element

span: I am an inline element



# Inline vs block element

```
1 <div>
                                                                       HTML 🌣
 2 div: I am a block element
 3 </div>
 4 <span>
 5 span: I am an inline element
 6 </span>
 1 | div {
                                                                            CSS
    background: antiquewhite;
    border: solid 1px black;
     span {
     background: lightpink;
       border: solid 1px black;
div: I am a block element
span: I am an inline element
```



# Inline vs block element

Block Element

inline element inline element



```
<body style="background-color:lightgrey;">
    <div style="background-color:black;color:white;font-family:Arial;padding:10px 30px;">
         <img src="./logo.png" style="vertical-align:middle;" />
         <span style="margin:10px;background-color:lightblue;padding:10px;">
             <a href="./home.html">Home</a>
         </span>
         <span style="margin:10px;background-color:lightblue;padding:10px;">
             <a href="./gallery.html">Gallery</a>
         </span>
         <span style="margin:10px;background-color:lightblue;padding:10px;">
             <a href="./about.html">About</a>
         </span>
    </div>
         <h1 style="font-family:arial;">Welcome to the Israel Tech Challenge website</h1>
    </div>
</body>
                            👇 🗦 🤁 🖺 file:///C:/Users/navot/OneDrive/IsraelTechChallenge/becoming%20a%20website%20builder/table.html
```



Welcome to the Israel Tech Challenge website





Now you've got a lot of HTML tags



#### **Indentation**

Indentation is mandatory. It helps us read the HTML structure and understand the hierarchy.

```
<html>
                                       Top level element
  <head>
     <title>Dinosaurs</title>
  </head>
  <body style="background-color:grey;">
     <h1>My title</h1>
                                     Indentation states descendancy:
                                     h1 is nested under the body
     <h3>My subtitle</h3>
     <div>
       <a href="http://www.israel.com" target=" self">link text</a>
       My paragraph consectetur elit. Sed vel faucibus.
       <img src="./blinking eye.jpg" alt="a blinking eye" />
     </div>
     Warning:
       r1c1r1c2
                                          You cannot submit
       r2c1r2c2
     non indented code!
  </body>
</html>
```



<h1>Questions?</h1>



- ► Motivation:
  - Why do we learn html?
- ▶You needed to understand:
  - How our browser works
- ►You need to remember:
  - N/A
- ▶ You need to be able to do:
  - Write basic HTML pages using the tags we learned



#### **Cheat Sheet**

```
Html tag structure:
      <tagname attr1="val1" style="key1:value1; key2:value2">element content</tagname>
      HTML document structure
                                                                     Can hold either text or
      <!DOCTYPE html>
                                                                     another element
      <html>
        <head>
          <title>Dinosaurs</title>
        </head>
        <body style="background-color:grey;text-align:center; ">
          <h1>My title</h1>
          <h3>My subtitle</h3>
                                                  New window/tab
                                                                   Same tab
         //<div>
Display:
           <a href="http://www.israeltechallenge.com" target=" blank" target=" self">link text</a>
           My paragraph <br/> Lorem ipsum dolor sit amet, <br/> consectetur elit. Sed vel faucibus.
Block
           <img src="./blinking_eye.jpg" alt="a blinking eye" />
                                                                      Display:
          </div>
                                                                      inline
          <span><span> text 1 </span> <span> text 2 </span> </span>
          r1c1r1c2
           r2c1r2c2
          </body>
      </html>
      br (line break) is a void tag: <voidTag attr1="val1" attr2="val2"/>
      div: I am a block element
      span: I am an inline element
```