



STT-NF

Pemrograman Web

Sirojul Munir SSi,MKom | rojulman@nurulfikri.ac.id



dev.xbata.com

 @rojulman

2. HTML Dasar

Internet – Protocol - www

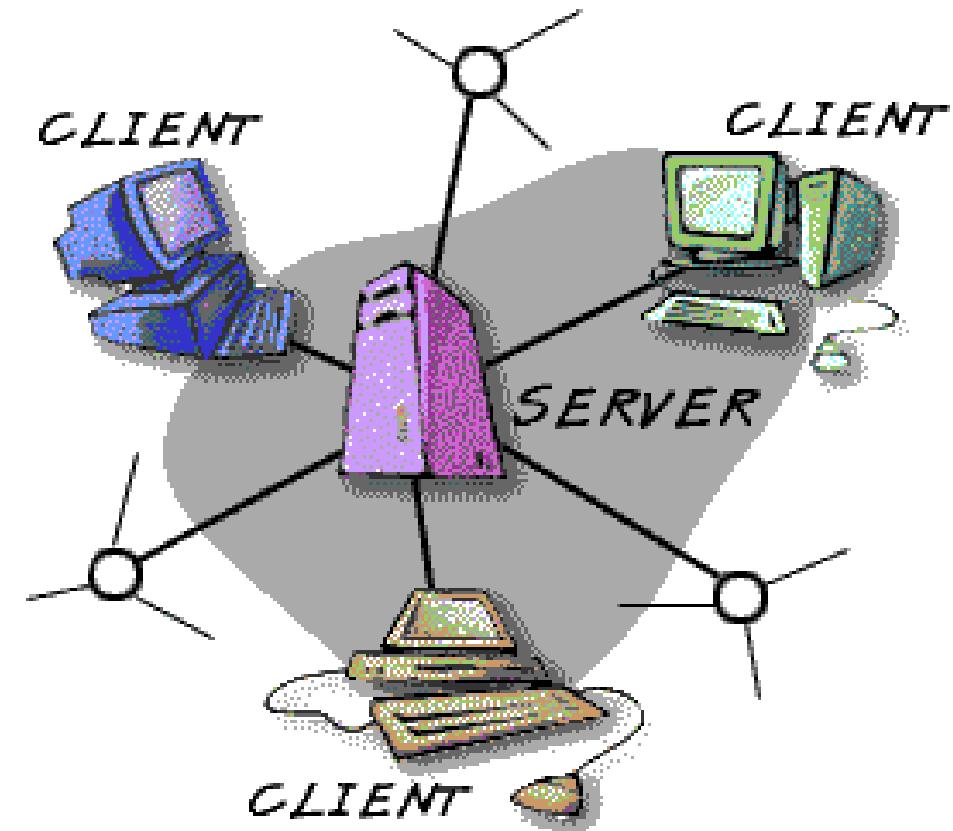
- Internet
 - Jaringan komputer yang menghubungkan komputer-komputer di seluruh belahan dunia/ global.
- Internet protocol
 - Aturan komunikasi untuk pertukaran data / informasi
 - HTTP : Hyper Text Transfer Protocol
 - FTP : File Transfer Protocol
 - SMTP : Simple Mail Transfer Protocol
- www
 - Himpunan halaman html yang diakses menggunakan protocol HTTP



© dreamstime.com

ID 13530436 © Blackboard373

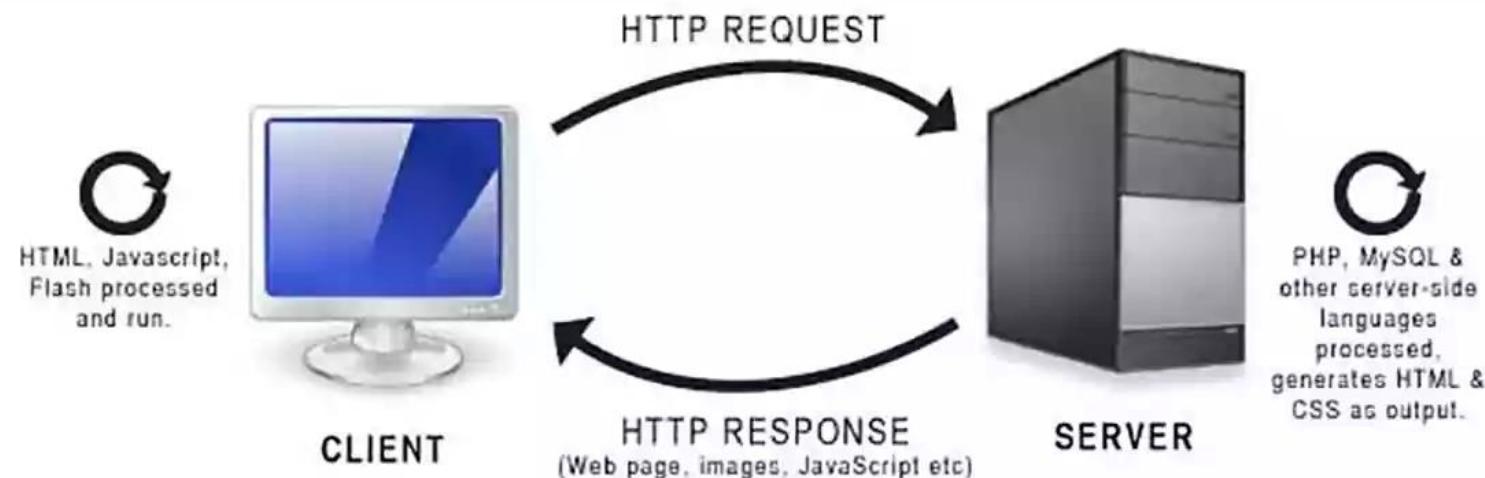
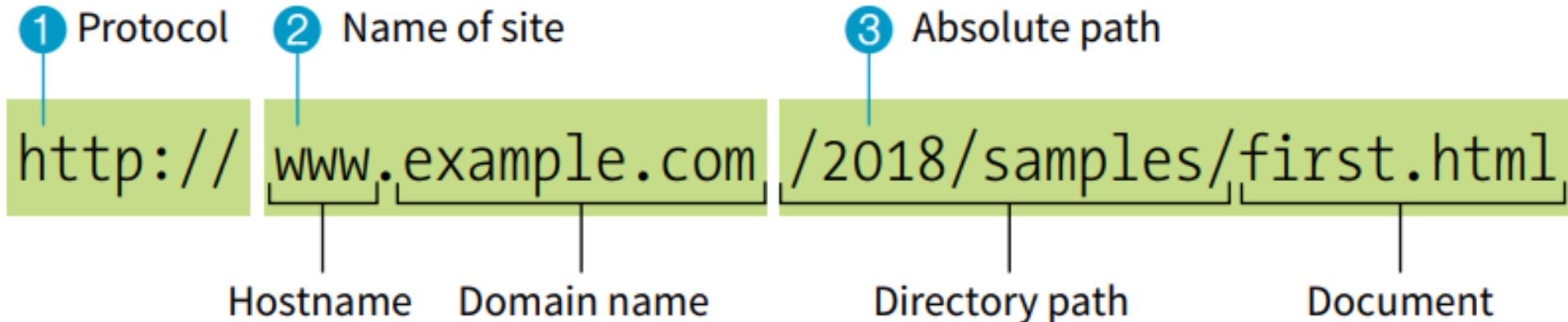
- Protokol network yang digunakan oleh aplikasi web untuk bertukar informasi
- Karakteristik:
 - Client – Server
 - Request – Response
 - Sessionless



Definisi

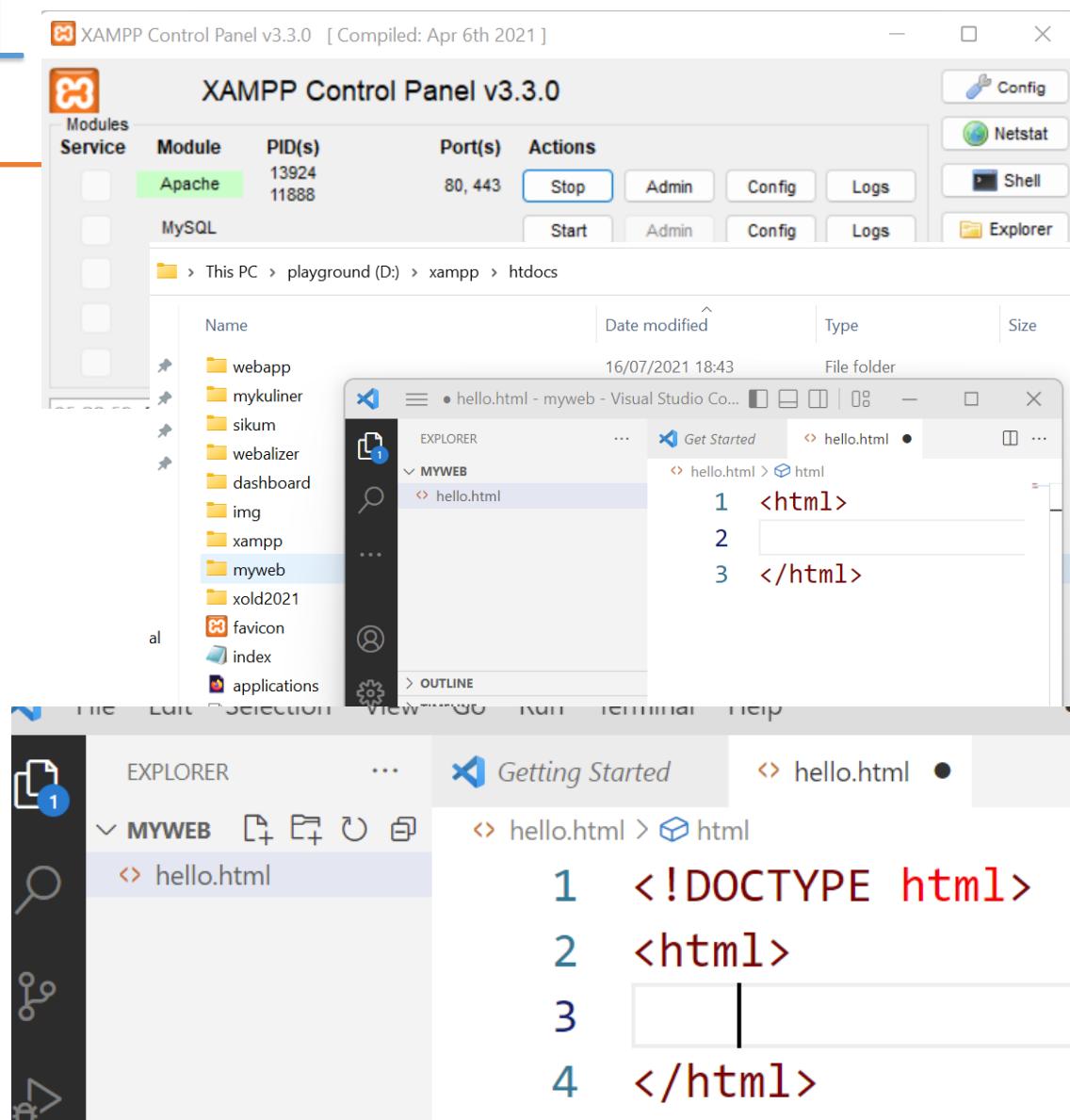
- ➊ www : world wide web
- ➋ HTML : Bahasa yang mendeskripsikan halaman web
 - HTML : HyperText Markup Language
 - HTML ada markup language yang terdiri dari kumpulan markup tags
 - Tag-tag mendeskripsikan konten dokumen
 - Dokumen HTML terdiri atas : tag-tag dan plain text
 - Dokumen2 HTML dapat disebut juga web pages
 - Dokumen HTML ber-ekstensi file : **.htm** atau **.html**
- ➌ URI : Uniform Resource Identifier
- ➍ Browse : program aplikasi untuk menampilkan halaman web

Komponen URI



Dokumen Pertama HTML

1. Buat folder di dalam direktori kerja web server (XAMPP) anda, misal:
C:\xampp\htdocs\myweb
2. Buka editor : Visual Studio Code / Notepad++ / Sublime
3. Open folder C:\xampp\htdocs\myweb dengan editor anda
4. Buat file hello.html dan simpan dalam direktori kerja
5. Isi dokumen HTML pertama anda
6. Siapkan browser untuk membuka file web pertama anda!
7. Aktifkan web server XAMPP
8. Buka browser dan arahkan ke url:
<http://localhost/myweb/hello.html>



Dokumen HTML :: Tools Browser

- Buka file dengan Browser: Safari, Firefox, Chrome, Edge, Opera
- Lihat source code HTML:

Safari: Develop → Show → Page Source

Chrome: View → Developer → View Source

Firefox: Tools → Web Developer → Page Source



index.html

```
<!DOCTYPE html>
<html>
<head>
  <meta charset="utf-8">
  <title>Jen's Kitchen</title>
  <link rel="stylesheet" href="kitchen.css" type="text/css">
</head>

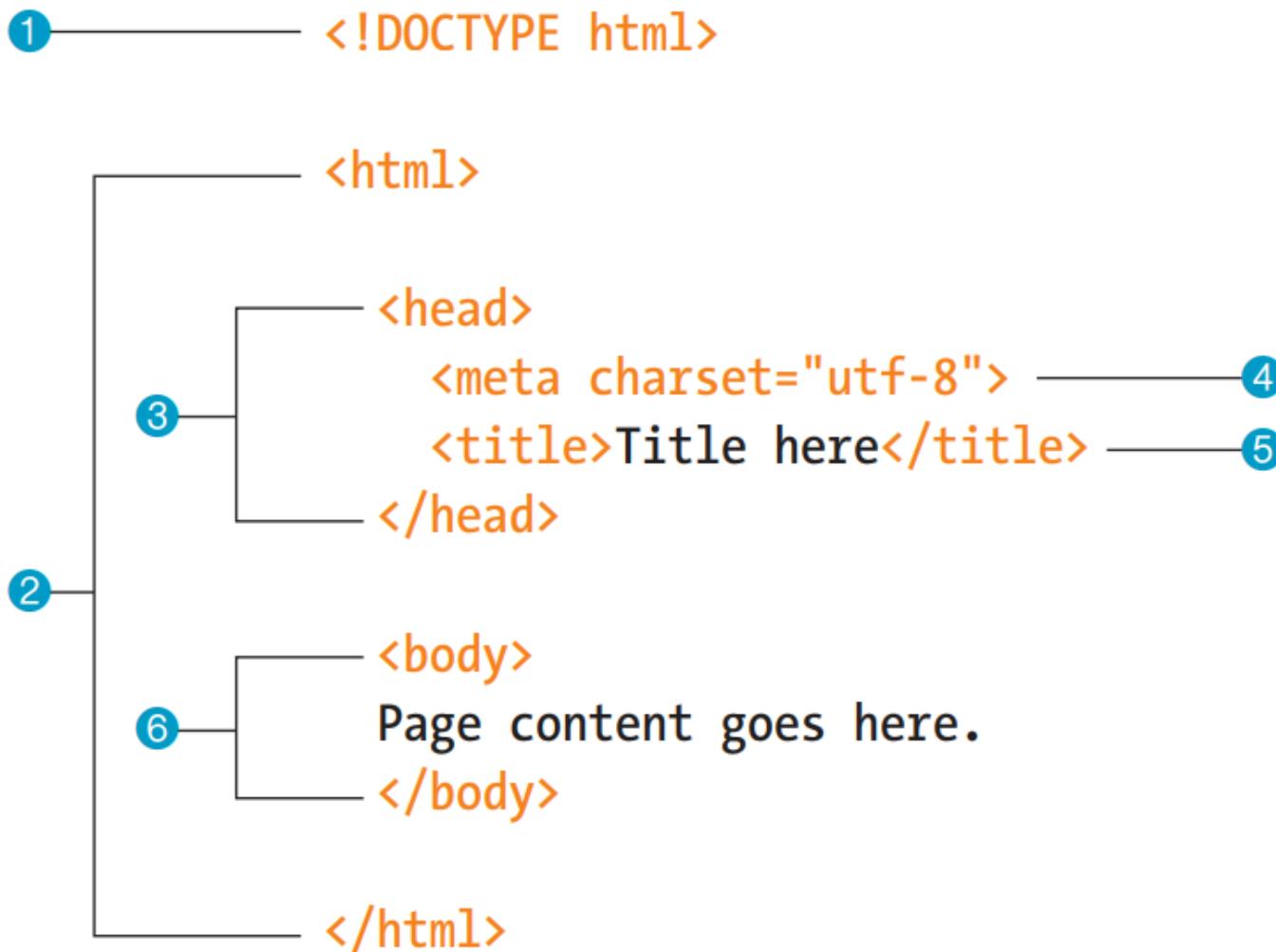
<body>
<h1> Jen's Kitchen</h1>

<p>If you love to read about <strong>cooking and eating</strong>, would like to learn about some of the best restaurants in the world, or just want a few choice recipes to add to your collection, <em>this is the site for you!</em></p>

<p> Your pal, Jen at Jen's Kitchen</p>

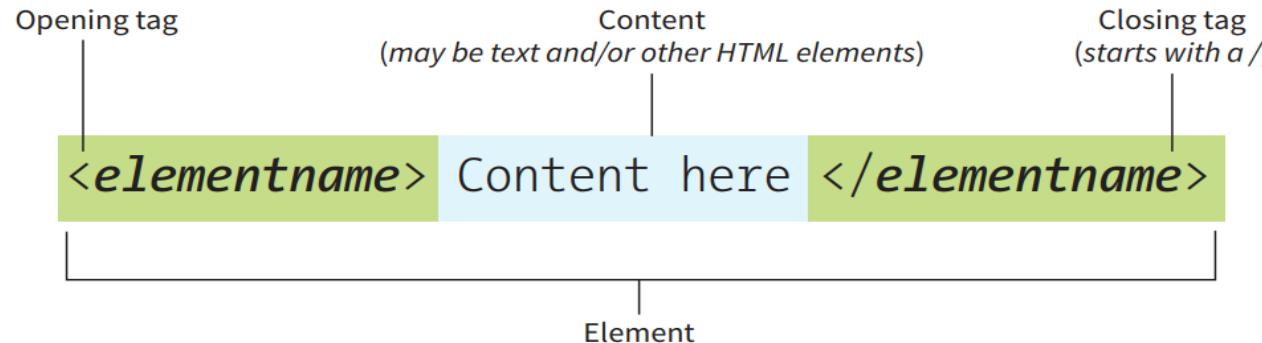
<hr>
<small>Copyright 2018, Jennifer Robbins</small>
</body>
</html>
```

Struktur halaman web

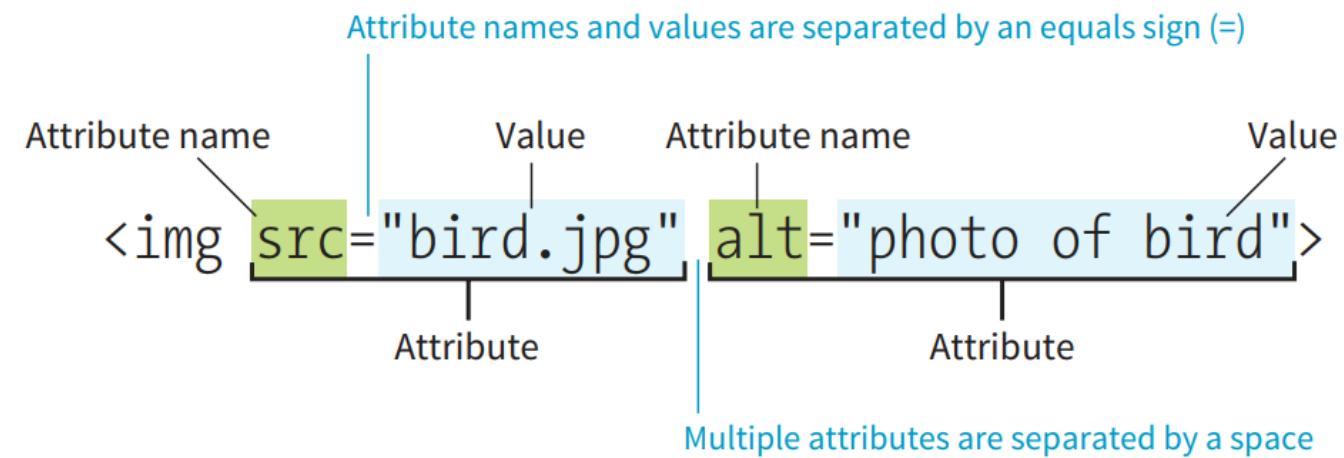


- Esensi dari pemrograman HTML adalah tag
- Sebuah TAG adalah keyword yang dilingkup tanda bracket < >
- Setiap tag memiliki tag pembuka dan penutup
 - <h1> </h1>
 - <body> </body>
- Sebuah TAG dimungkinkan tidak memiliki tag penutup
 - <hr/> : tag cetak garis
 -
 : tag pindah baris
- Nested Tag : sebuah tag HTML dapat berada dalam tag HTML lainnya
 - <h1><i> Selamat Belajar HTML </i></h1>
 - ~~<h1><i> Selamat Belajar HTML </h1></i>~~

Tags & Elemen Tag



Example: `<h1> Black Goose Bistro </h1>`



Heading Tag

- ❖ Heading Tags (levels 1-6)
 - ❖ <H1> Largest Heading </H1>
 - ❖ <H2> Major Subdivision </H2>
 - ❖ <H3> Minor Subheading </H3>
 - ❖ <P> Regular Text </P>
 - ❖ <H4> </H4>
 - ❖ <H5> </H5>
 - ❖ <H6> </H6>

h1 — **Type Design**

h2 — **Serif Typefaces**

Serif typefaces have small slabs at the ends of letter strokes. In general, serif fonts can make large amounts of text easier to read.

h3 — **Baskerville**

h4 — **Description**

Description of the Baskerville typeface.

h4 — **History**

The history of the Baskerville typeface.

h3 — **Georgia**

Description and history of the Georgia typeface.

h2 — **Sans-serif Typefaces**

Sans-serif typefaces do not have slabs at the ends of strokes.

https://www.w3schools.com/html/tryit.asp?filename=tryhtml_headings

Paragraph

<P> ... </P>

- ❖ Baris kosong disisipkan sebelum awal paragraph
- ❖ Satu spasi di antara kata-kata yang berurutan
- ❖ Spasi dan garis ekstra diabaikan

<P>Learning HTML is a lot of fun!</P>

https://www.w3schools.com/html/tryit.asp?filename=tryhtml_paragraphs1

Style Element / Atribute

<style> element and the **style=** attribute

- The **style=** atribut yang digunakan langsung untuk semua tags
`<p style="text-align: center">Center me.</p>`
- The <style> element: `<style type="text/css"> ... </style>`
 - Tag <style> dapat berada dalam bagian <head>
 - Mendefinisikan seluruh informasi style pada seluruh halaman HTML
 - requires the **type="text/css"** attribute
 - Lebih detail akan dijelaskan pada bagian penjelasan CSS
 - Contoh link stylesheet ke dokumen CSS

`<link rel="stylesheet" type="text/css" href="string">`

Attribute Align digunakan rata text: left, center, right, justify

- ❖ Alignment tag heading

```
<H1 ALIGN="LEFT">Joe's home page</H1>
```

```
<H1 ALIGN="CENTER">Joe's home page</H1>
```

```
<H1 ALIGN="RIGHT">Joe's home page</H1>
```

- ❖ Alignment tag paragraph

```
<P ALIGN="LEFT">imagine a BIG paragraph in here</P>
```

```
<P ALIGN="CENTER"> imagine a BIG paragraph in here </P>
```

```
<P ALIGN="RIGHT"> imagine a BIG paragraph in here </P>
```

Line break & Dividing line

Paksa pindah ke baris baru

<P>Learning HTML is a lot of
fun!</P>

Memecah kalimat dalam paragpah ke baris baru

<HR/>

Memasukan garis lurus dalam halaman web

✳️ Opsi atribut pada HR: size, width, align

<HR SIZE="25" WIDTH="150" ALIGN="CENTER" NOSHADE>

LIST :

 Unordered List and Ordered List

```
<ul>
  <li>Serif</li>
  <li>Sans-serif</li>
  <li>Script</li>
  <li>Display</li>
  <li>Dingbats</li>
</ul>
```

- Serif
- Sans-serif
- Script
- Display
- Dingbats

```
<ol>
  <li>Gutenberg develops moveable type (1450s)</li>
  <li>Linotype is introduced (1890s)</li>
  <li>Photocomposition catches on (1950s)</li>
  <li>Type goes digital (1980s)</li>
</ol>
```

1. Gutenberg develops moveable type (1450s)
2. Linotype is introduced (1890s)
3. Photocomposition catches on (1950s)
4. Type goes digital (1980s)

Unordered List

- ...
 - ✓ List Item: setiap elemen yang ada didalam LIST
 - ✓ Digunakan pada tipe LIST dan
- ...
 - ✓ Berisi data list – dengan bullet – bukan nomor terurut
 - ✓ ... didalamnya berisi text yang diawali dengan bullet
 - ✓ Gunakan styles (style= attribute) untuk ubah tipe bullet
 - ✓ CSS style: list-style-type: string
 - ✓ string bisa berisi: circle, disc, square
 - ✓ e.g. <ul style="list-style-type: square"> ...

Ordered List

- ...
 - ✓ Berisi data LIST terurut
 - ✓ Setiap item akan diawali dengan number (atau alphabet)
 - ✓ Gunakan (**style=**) untuk mengubah tipe number
 - ✓ CSS style: list-style-type: *string*
 - ✓ Contoh *string*: decimal, lower-alpha, upper-roman
 - ✓ e.g. <ol style="list-style-type: upper-latin"> ...
 - ✓ Nilai awal dapat di set dengan atribut start=
 - ✓ e.g. <ol start="3"> - mulai dengan 3 (atau C, atau iii)
 - ✓ Fitur ini sudah deprecated, gunakan CSS saja

https://www.w3schools.com/html/html_lists.asp

Nesting Lists

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

Description List

Digunakan untuk pendefinisian istilah kata

<dl>...</dl>

A description list

<dt>...</dt>

A name, such as a term or label

<dd>...</dd>

A value, such as a description or definition

```
<dl>
  <dt>Linotype</dt>
  <dd>Line-casting allowed type to be selected, used, then recirculated
  into the machine automatically. This advance increased the speed of
  typesetting and printing dramatically.</dd>
```

<dt>Photocomposition</dt>

```
<dd>Typefaces are stored on film then projected onto photo-sensitive
paper. Lenses adjust the size of the type.</dd>
```

<dt>Digital type</dt>

```
<dd><p>Digital typefaces store the outline of the font shape in a
format such as Postscript. The outline may be scaled to any size for
output.</p>
```

```
  <p>Postscript emerged as a standard due to its support of
graphics and its early support on the Macintosh computer and Apple
laser printer.</p>
</dd>
```

```
</dl>
```

Linotype

Line-casting allowed type to be selected, used, then recirculated into the machine automatically. This advance increased the speed of typesetting and printing dramatically.

Photocomposition

Typefaces are stored on film then projected onto photo-sensitive paper. Lenses adjust the size of the type.

Digital type

Digital typefaces store the outline of the font shape in a format such as Postscript. The outline may be scaled to any size for output.

Postscript emerged as a standard due to its support of graphics and its early support on the Macintosh computer and Apple laser printer.

Formatted Text

- ❄️ - Bold text
- ❄️ - Important text
- ❄️ <i> - Italic text
- ❄️ - Emphasized text
- ❄️ <mark> - Marked text
- ❄️ <small> - Small text
- ❄️ - Deleted text
- ❄️ <ins> - Inserted https://www.w3schools.com/html/tryit.asp?filename=tryhtml_formatting_b
- ❄️ <sub> - Subscript text
- ❄️ <sup> - Superscript text

Text Semantic Element (1)

Element	Description	
a	An anchor or hypertext link (see Chapter 6 for details)	
abbr	Abbreviation	<abbr>...</abbr> Abbreviation or acronym
b	Added visual attention, such as keywords (bold)	
bdi	Indicates text that may have directional requirements	<cite>...</cite> Citation
bdo	Bidirectional override; explicitly indicates text direction (left to right, ltr , or right to left, rtl)	<code>...</code> Code
br	Line break	<var>...</var> Variable
cite	Citation; a reference to the title of a work, such as a book title	<samp>...</samp> Program sample
code	Computer code sample	<kbd>...</kbd> User-entered keyboard strokes
data	Machine-readable equivalent dates, time, weights, and other measurable values	
del	Deleted text; indicates an edit made to a document	
dfn	The defining instance or first occurrence of a term	
em	Emphasized text	

Text Semantic Element (2)

Element	Description	
i	Alternative voice (italic) or alternate language	<i>...</i>
ins	Inserted text; indicates an insertion in a document	
kbd	Keyboard; text entered by a user (for technical documents)	
mark	Contextually relevant text	
q	Short, inline quotation	
ruby, rt, rp	Provides annotations or pronunciation guides under East Asian typography and ideographs	
s	Incorrect text (strike-through)	<s>...</s>
samp	Sample output from programs	
small	Small print, such as a copyright or legal notice (displayed in a smaller type size)	
span	Generic phrase content	
strong	Content of strong importance	
sub	Subscript	
sup	Superscript	
time	Machine-readable time data	
u	Indicates a formal name, misspelled word, or text that would be underlined	
var	A variable or program argument (for technical documents)	
wbr	Word break	

<blockquote>

- Elemen digunakan untuk menampilkan kalimat quote (kutipan) dari seorang tokoh.

<p>Kata bijak Ali Bin Abi Thalib:</p>

<blockquote cite="https://jagokata.com/kata-bijak/dari-alii_bin_abi_thalib.html">

Kesabaran itu ada dua macam: sabar atas sesuatu yang tidak kau ingin dan sabar menahan diri dari sesuatu yang kau ingini.

</blockquote>

Elemen Generic : div dan span

- <div> ... </div> :
 - Generic block-level element
 - membagi (division) konten yang berupa blok-blok yang meliputinya.
 - Blok-blok didalamnya adalah tag-tag lain yang didefinisikan sesuai style.
 - **<div style="color: red">red</div>**
- ... :
 - Generic inline element
 - Text dalam tag ini adalah elemen blok terkecil (tidak boleh ada blok elemen lagi didalamnya)
 - **This red apple**
- Elemen Generic DIV dan SPAN pada implementasi styling CSS menggunakan atribut id dan class

Element Time

- Digunakan untuk menampilkan informasi waktu
- Tag <time datetime="" ..></time>

Here are a few examples of valid values for **datetime**:

- **Time only:** 9:30 p.m.

```
<time datetime="21:30">9:30p.m.</time>
```

- **Date only:** June 19, 2016

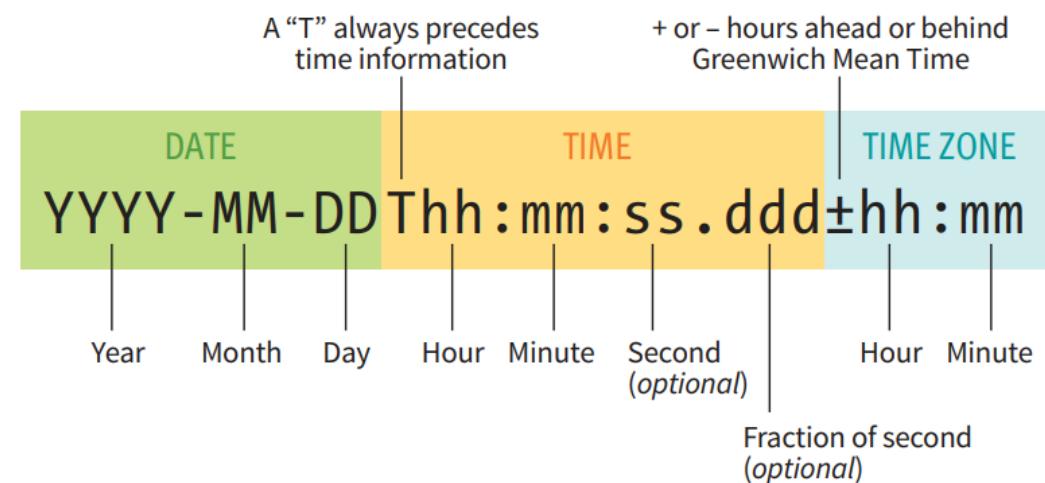
```
<time datetime="2016-06-19">June 19, 2016</time>
```

- **Date and time:** Sept. 5, 1970, 1:11a.m.

```
<time datetime="1970-09-05T01:11:00">Sept. 5, 1970, 1:11a.m.</time>
```

- **Date and time, with time zone information:** 8:00am on July 19, 2015, in Providence, RI

```
<time datetime="2015-07-19T08:00:00-05:00">July 19, 2015, 8am,  
Providence RI</time>
```



Elemen Generic : div dan span

```
<div class="listing">
  
  <p><cite>The Complete Manual of Typography</cite>, James Felici</p>
  <p>A combination of type history and examples of good and bad type
design.</p>
</div>

<ul>
  <li>John: <span class="tel">999.8282</span></li>
  <li>Paul: <span class="tel">888.4889</span></li>
  <li>George: <span class="tel">888.1628</span></li>
  <li>Ringo: <span class="tel">999.3220</span></li>
</ul>
```

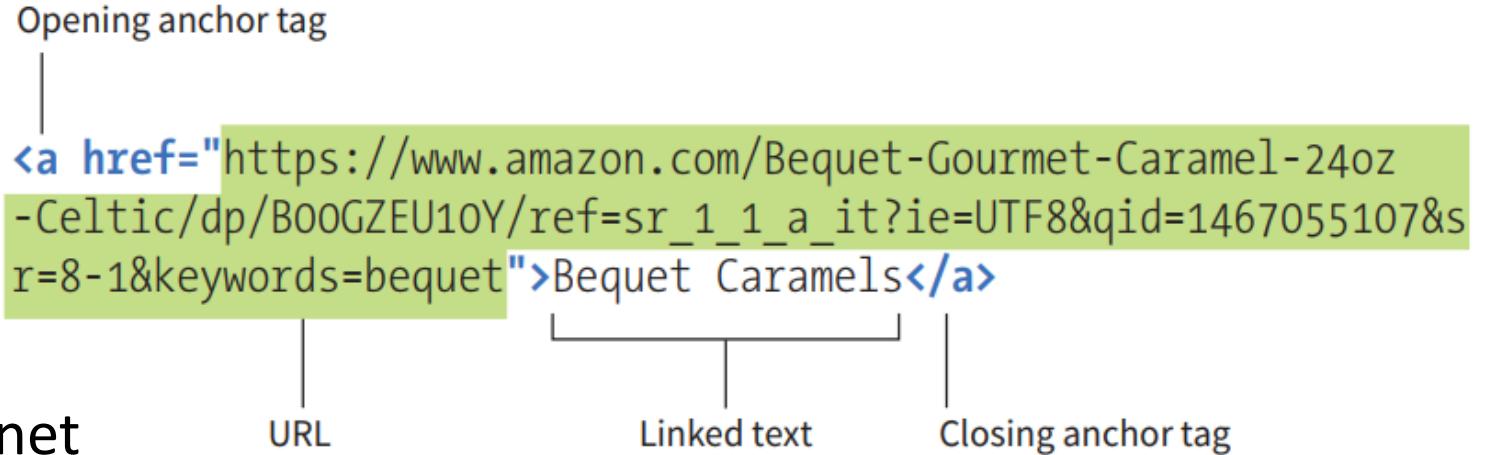


Tugas Praktikum 1.A

- Buatlah halaman web menampilkan biodata lengkap (curriculum vitae) anda.
- Gunakan tag2 HTML yang sudah dipelajari !!

3. HTML: Links, Images dan Table

Links - Hyperlinks



Kategori Link:

- External link: Website di internet
- Internal link: Bagian dari halaman web anda
- Link ke email

link web

Rojul Web

Email Registrasi

Faiz Page

External Link:

Link ke halaman web di internet

- The Food Network
- STT-NF
- apa itu JavaScript

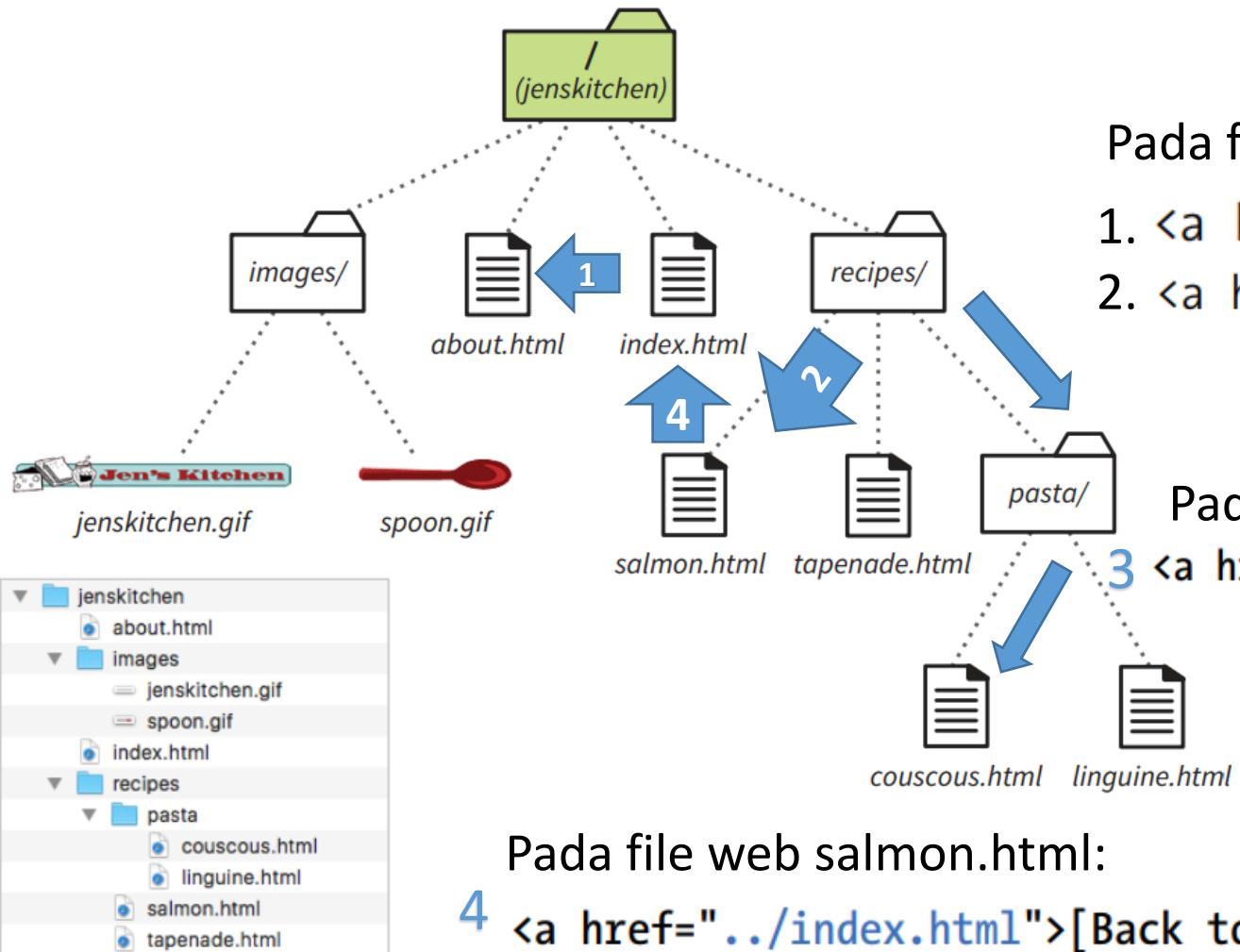
Link dengan target browser baru (window baru)

O'Reilly

O'Reilly

Internal Link:

Link ke halaman di internal website



Link dalam dokumen

-
- ```
<p> Ke Bab 4. </p>
<p> <h2>Bab 1</h2>
<p>Pengantar Desain Web</p>
<h2>Bab 2</h2>
<p>Elemen Desain Web</p>
<h2>Bab 3</h2>
<p>Prinsip Desain Web</p>
<h2>Bab 4</h2>
<p>HTML dan CSS</p>
<h2>Bab 5</h2>
<p>Responsive Web Design</p>
```
- ❖ [Ke Bab 4.](#)
  - ❖ Bab 1
  - ❖ Pengantar Desain Web
  - ❖ Bab 2
  - ❖ Elemen Desain Web
  - ❖ Bab 3
  - ❖ Prinsip Desain Web
  - ❖ Bab 4
  - ❖ HTML dan CSS
  - ❖ Bab 5
  - ❖ Responsive Web Design



# Link Email

---

<p> This is a mail link:

<a href="mailto:someone@gmail.com?subject=Hello%20again">Send Mail</a>

</p>

❄ This is a mail link:

[Send Mail](mailto:someone@gmail.com?subject=Hello%20again)

# Image 

- File gambar secara umum pada aplikasi web berformat: PNG, JPEG atau GIF
- File gambar untuk icon (vector images) berformat: SVG
- Jika memiliki file gambar format TIFF, BMP, atau EPS sebaiknya di convert ke format web format: PNG atau JPEG
- File gambar tersimpan dalam direktori khusus gambar, misal : folder image

<p>This summer, try making pizza   
on your grill.</p>



This summer, try making pizza

on your grill.

Atributte ALT (Alternate) digunakan untuk menampilkan text alternatif jika user tidak menghendaki gambar ditampilkan di browser

File gambar ada di internet:

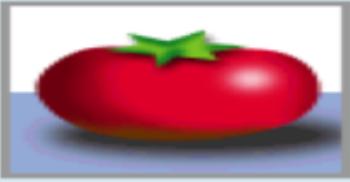


# Dimensi dan ukuran Image

- 



Fresh tomatoes.



Fresh tomatoes.

width="72" height="72"  
(actual size of image)

width="144" height="72"



```
<h1>Gallery: Baked Goods</h1>
<p></p>
```

# Element Tag Image Lainnya

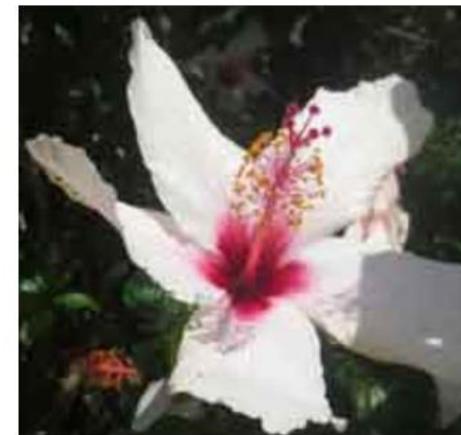
Element	Function
<img>	Embeds an image.
<source>	Used to specify multiple media sources. It represents nothing when used alone.
<picture>...</picture>	A container that allows multiple image sources to be specified, from which one is chosen to use with the contained <img> element.
<canvas>...</canvas>	Used to draw graphics by using scripting (typically JavaScript).
<svg>...</svg>	Used to embed an SVG element in HTML.
<map>...</map>	Defines an image map.
<area>...</area>	Defines a region inside an image map.

```
<picture>
 <source media="(min-width:650px)" srcset="img_pink_flowers.jpg">
 <source media="(min-width:465px)" srcset="img_white_flower.jpg">

</picture>
```

## The picture element

Resize the browser window to load different images.



# Elemen dan Atribut Image

Element and attributes	Description
img	Inserts an inline image
alt="text"	Alternative text
src="url"	The location of the image file
srcset=" <i>list of urls with descriptors</i> "	Images to use in different situations
sizes=" <i>list media conditions and layout sizes</i> "	Image sizes for different layouts
width=" <i>number</i> "	Width of the graphic
height=" <i>number</i> "	Height of the graphic
usemap=" <i>usemap</i> "	Indicates the client-side image map to use

# Elemen dan Atribut Image

picture	Container that provides multiple sources to its contained <b>img</b> element
source	Provides alternate sources for the <b>img</b> element
<i>src="URL"</i>	Address of the image resource
<i>srcset="URL"</i>	Images to use in different situations
<i>sizes="source size list"</i>	Image sizes for different page layouts
<i>media="media query"</i>	Query to determine applicable media
<i>type="media type"</i>	Media (MIME) type of embedded image file
svg	Adds an inline SVG image

# HTML Background : body tag

---

## ❖ Attribute of Body Tag

- ❖ bgcolor: warna latar belakang
  - ❖ text: warna text
  - ❖ background: path/file gambar
- ❖ Warna background (latar belakang) dan warna text dapat memudahkan pengunjung web membaca text informasi web.
- ❖ <BODY BGCOLOR="#d0d0d0" text="blue">
  - ❖ <BODY BGCOLOR="green">
  - ❖ <BODY BGCOLOR="#00FF00">
  - ❖ <BODY BACKGROUND="brickwall.gif">

# Background Color / Graphics

---

Backgrounds can be added to each document, **but are not readable on all browsers.**

## Attributes of <BODY>

BGCOLOR="code" Specify color for background of the screen

BACKGROUND="path/file" Tiles the graphic in the file to fit the screen

<BODY BGCOLOR="green">

<BODY BGCOLOR="#00FF00">

<BODY BACKGROUND=" BrickWall.gif">

- ❄ black is "000000" (i.e., no color)
- ❄ white is "ffffff"

# Table – Website dengan Table

	BASIC	PROFESSIONAL	BUSINESS Most Popular	ENTERPRISE	PREMIER
	\$24 monthly	\$59 monthly	\$99 monthly	\$249 monthly	\$699 monthly
	<a href="#">Sign Up</a>	<a href="#">Sign Up</a>	<a href="#">Sign Up</a>	<a href="#">Sign Up</a>	<a href="#">Sign Up</a>
Set up fee	waived	waived	waived	waived	waived
Transaction Fee	2.0%	1.0%	1.0%	0.5%	0%
Max SKUs	100	2,500	10,000	25,000	50,000
Storage	100 MB	500 MB	1000 MB	2.5 GB	5 GB
Bandwidth	unlimited	unlimited	unlimited	unlimited	unlimited
Custom Domains	✓	✓	✓	✓	✓
SSL Checkout	✓	✓	✓	✓	✓
SSL Admin	✓	✓	✓	✓	✓
Discount Codes	✓	✓	✓	✓	✓
Carrier Shipping			✓	✓	✓
Real-Time Stats					
Adwords credit	\$ 25.00	\$ 50.00			
All prices are USD	<a href="#">Sign Up</a>	<a href="#">Sign Up</a>			

Top Sites featuring audience gender makeup on March 02, 2009

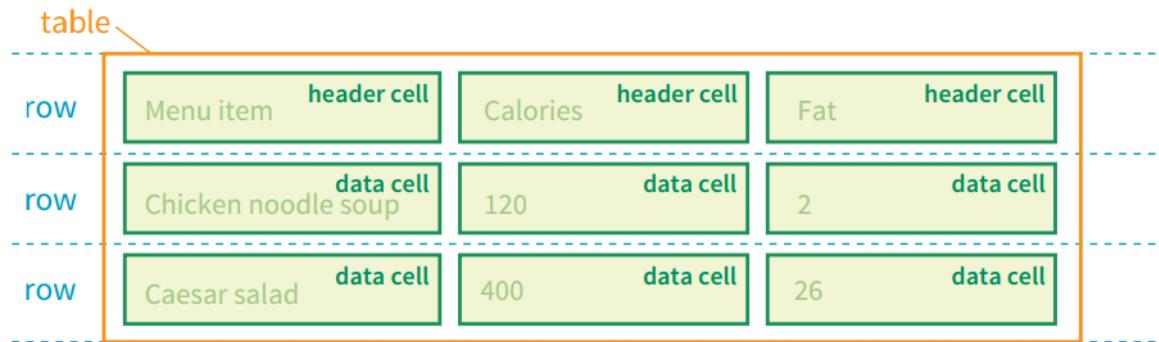
1	google.com	140M	M: 50%	
2	yahoo.com	126M	M: 48%	
3	msn.com	106M	M: 49%	
4	live.com	99M	M: 49%	
5	youtube.com	78M	M: 50%	
6	wikipedia.org	77M	M: 52%	
7	microsoft.com	76M	M: 52%	
8	myspace.com	68M	M: 42%	

PM	7:30	8:00	8:30	9:00	9:30	10:00	10:30
ABC	<i>The Adventures of Ozzie and Harriet</i>		The Patty Duke Show	Gidget	<i>The Big Valley</i>		Amos Burke — Secret Agent*
CBS	Lost in Space		The Beverly Hillbillies #8 25.9 rating	Green Acres #11 24.6 rating	The Dick Van Dyke Show #16 23.6 rating	The Danny Kaye Show	
NBC	<i>The Virginian</i> #25 22.0 rating		Bob Hope Presents the Chrysler Theatre / Chrysler Presents a Bob Hope Special		<i>I Spy</i>		

wikipedia.org

# Struktur Minimal Table

Menu item	Calories	Fat (g)
Chicken noodle soup	120	2
Caesar salad	400	26



`<table>...</table>`

Tabular content (rows and columns)

`<tr>...</tr>`

Table row

`<th>...</th>`

Table header

`<td>...</td>`

Table cell data

`<table>`

`<tr>`

`<th>Menu item</th>`

`<th>Calories</th>`

`<th>Fat</th>`

`</tr>`

`<tr>`

`<td>Chicken noodle soup</td>`

`<td>120</td>`

`<td>2</td>`

`</tr>`

`<tr>`

`<td>Caesar salad</td>`

`<td>400</td>`

`<td>26</td>`

`</tr>`

`</table>`

# Struktur Minimal Table

```
<table>
 <tr>
 <th>Menu item</th>
 <th>Calories</th>
 <th>Fat (g)</th>
 </tr>
 <tr>
 <td>Chicken noodle soup</td>
 <td>120</td>
 <td>2</td>
 </tr>
 <tr>
 <td>Caesar salad</td>
 <td>400</td>
 <td>26</td>
 </tr>
</table>
```

Menu item	Calories	Fat (g)
Chicken noodle soup	120	2
Caesar salad	400	26

# Column Spans

- Menggabungkan kolom

```
<table>
 <tr>
 <th colspan="2">Fat</th>
 </tr>
 <tr>
 <td>Saturated Fat (g)</td>
 <td>Unsaturated Fat (g)</td>
 </tr>
</table>
```

Fat	
Saturated Fat (g)	Unsaturated Fat (g)

# Rows Spans

- Menggabungkan baris

```
<table>
 <tr>
 <th rowspan="3">Serving Size</th>
 <td>Small (8oz.)</td>
 </tr>
 <tr>
 <td>Medium (16oz.)</td>
 </tr>
 <tr>
 <td>Large (24oz.)</td>
 </tr>
</table>
```

<b>Serving Size</b>	Small (8oz.)
	Medium (16oz.)
	Large (24oz.)

# Table Caption

- Mendeskripsikan judul Tabel

```
<table>
 <caption>Nutritional Information</caption>
 <tr>
 <th>Menu item</th>
 <th>Calories</th>
 <th>Fat (g)</th>
 </tr>
 <!-- table continues -->
</table>
```

<caption>...</caption> –

Title or description to be displayed with the table

Nutritional Information

Menu item	Calories	Fat (g)
Chicken noodle soup	120	2
Caesar salad	400	26

# Table - Row Group Element

```

<table>
...
<thead>
 <!-- headers in these rows-->
 <tr></tr>
 <tr></tr>
 <tr></tr>
<thead>
<tbody>
 <!-- data -->
 <tr></tr>
 <tr></tr>
 <tr></tr>
 <tr></tr>
 <tr></tr>
 <tr></tr>
 <tr></tr>
</tbody>
<tfoot>
 <!-- footnote -->
 <tr></tr>
</tfoot>
</table> Apa bedanya dengan table sebelumnya ?

```

<thead>...</thead>

Table header row group

<tbody>...</tbody>

Table body row group

<tfoot>...</tfoot>

Table footer row group

```

<table>
 <caption>Nama Anak</caption>
 <thead>
 <tr><th>No</th><th>Nama Lengkap</th></tr>
 </thead>
 <tbody>
 <tr><td>1</td><td> Runy </td></tr>
 <tr><td>2</td><td> Kalla</td></tr>
 </tbody>
</table>

```

Nama Anak

No	Nama Lengkap
1	Runy
2	Kalla

# Elemen dan Atribut Table

Element and attributes	Description
table	Establishes a table element
tr	Establishes a row within a table
td  colspan=" <i>number</i> "  rowspan=" <i>number</i> "  headers=" <i>header name</i> "	Establishes a cell within a table row  Number of columns the cell should span  Number of rows the cell should span  Associates the data cell with a header
th  abbr=" <i>text</i> "  colspan=" <i>number</i> "  rowspan=" <i>number</i> "  headers=" <i>header name</i> "  scope="row col rowgroup colgroup"	Table header associated with a row or column  Alternative label for when the header cell is referenced in other contexts  Number of columns the cell should span  Number of rows the cell should span  Associates a header with another header  Associates the header with a row, row group, column, or column group

# Elemen dan Atribut Table

<b>caption</b>	Gives the table a title that displays in the browser
<b>colgroup</b>	Declares a group of columns
<span>= "number"</span>	Number of columns the column group spans; may not be used when the <b>colgroup</b> contains <b>col</b> elements
<b>col</b>	Declares a column
<span>= "number"</span>	Number of columns the column spans
<b>tbody</b>	Identifies a table body row group
<b>thead</b>	Identifies a table header row group
<b>tfoot</b>	Identifies a table footer row group

# Latihan: Columns – Rows Spans

1)

7:00pm	7:30pm	8:00pm
The Sunday Night Movie		
Perry Mason	Candid Camera	What's My Line?
Bonanza	The Wackiest Ship in the Army	

2)

apples		pears	
bananas	oranges		data A3
lychees		pineapple	

3)

Your Content Here			
	A common header for two subheads		Header 3
	Header 1	Header 2	
Thing A	data A1	data A2	data A3
Thing B	data B1	data B2	data B3
Thing C	data C1	data C2	data C3

# Tugas Praktikum 1.B

- Desain web seperti Gambar 1 & 2, gunakan komponen:
  - Links
  - Image
  - Table
- Gunakan tag HTML yang dipelajari agar tampilan desain web maksimal
- Upload praktikum ke github anda

**Cart**

■ Site Name [Category 1](#) | [Category 2](#) | [Category 3](#)

Your Cart

Item	Price	Quantity
 T-Shirt Size: Small	\$20.00	1

Subtotal: \$20.00

**Summary (1 item)**

Subtotal	\$20.00
Shipping	-
Est. Taxes	-
Total	\$20.00

Site Name [Category X](#) | [Category Y](#) | [Category Z](#)

Stay In Touch! Join our Newsletter.

Gambar 1

**Checkout - Success**

■ Site Name [Category 1](#) | [Category 2](#) | [Category 3](#)

Order 131217312

Thank you, Kenny!

Your order is confirmed.

We've accepted your order and we're getting it ready.

**Customer Information**

**Shipping Address**  
Kenny Bostick  
[12 Waldo Point Road](#)  
[Mishauken, NY 11200](#)  
[United States](#)

**Billing Address**  
Kenny Bostick  
[12 Waldo Point Road](#)  
[Mishauken, NY 11200](#)  
[United States](#)

**Shipping Method**  
UPS Ground (Estimated ship time of 3-6 days)

**Payment Method**  
 Ending in 3217 — \$23.60

Site Name [Category X](#) | [Category Y](#) | [Category Z](#)

Stay In Touch! Join our Newsletter.

Gambar 2