

2023/2024(1)
EF234301 Web Programming
Lecture #2

Basic Web Programming Language

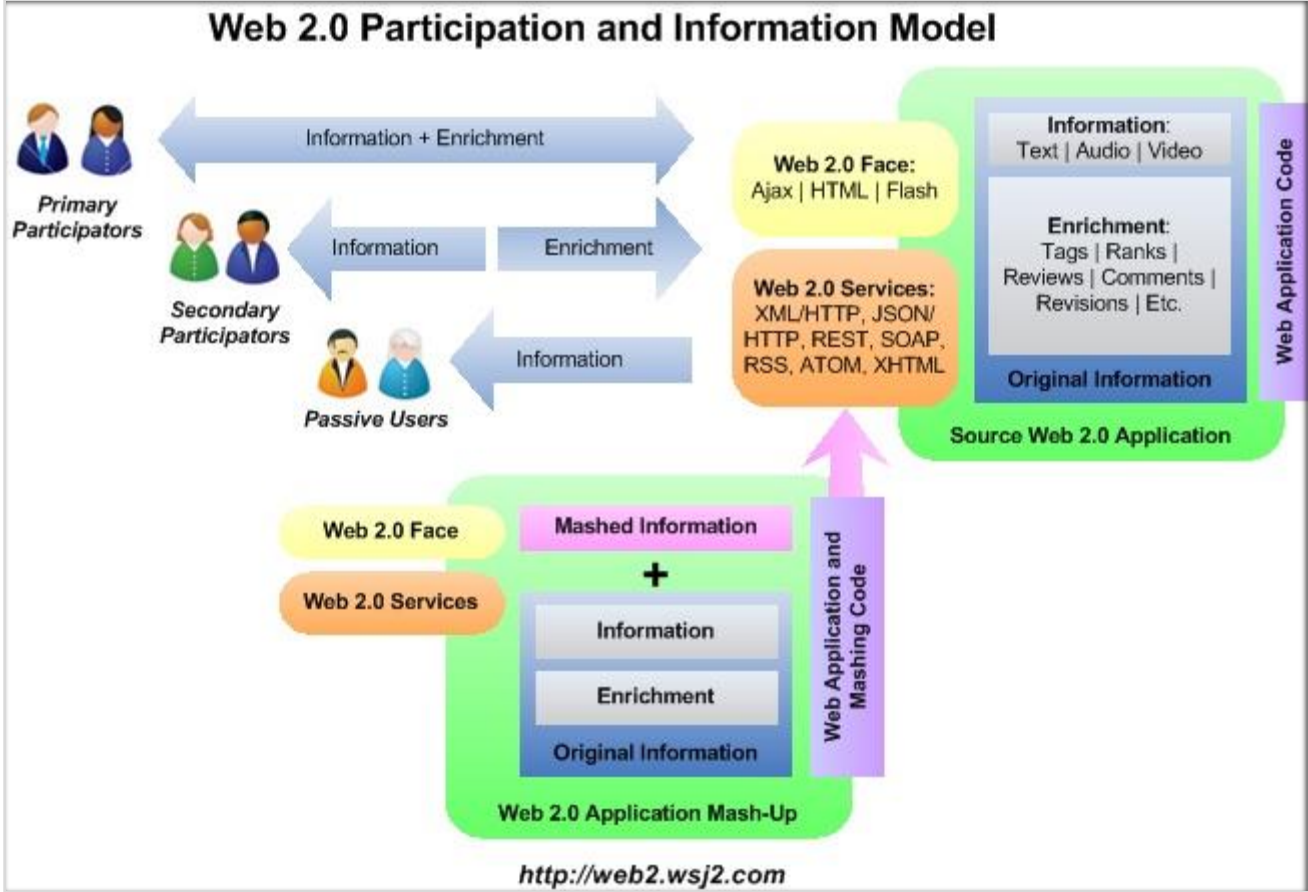
Misbakhul Munir **IRFAN SUBAKTI**

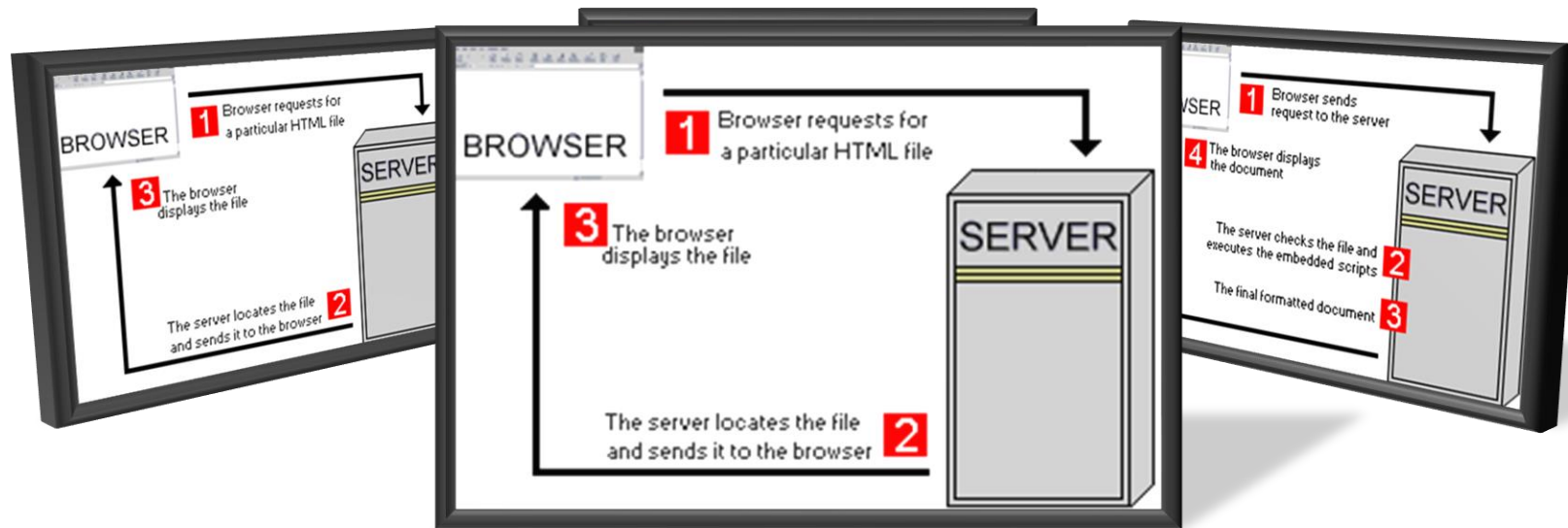
司馬伊凡

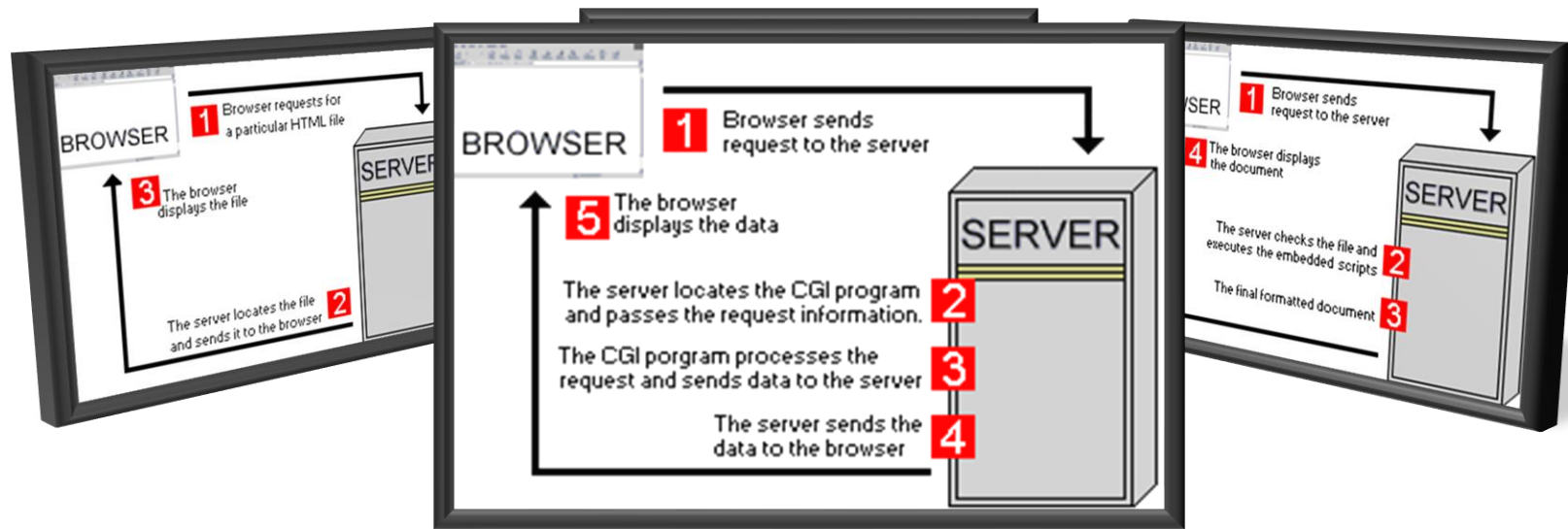
Мисбакхул Мунир **Ирфан Субакти**

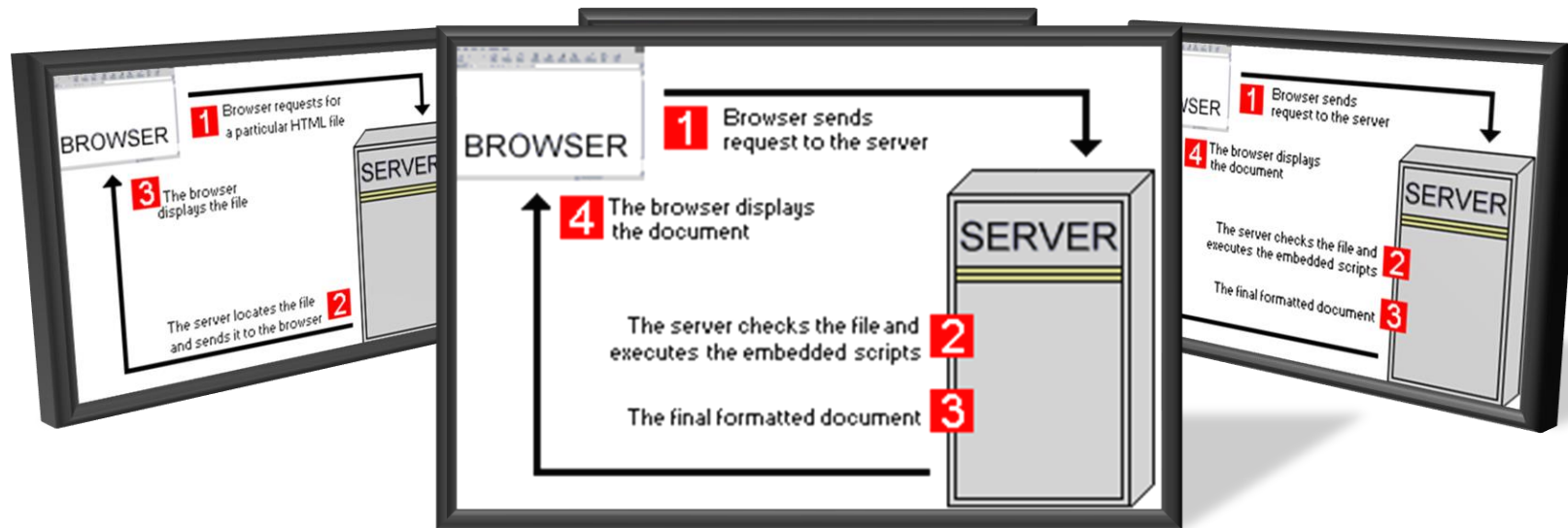
Basic web programming language

- Web's client server: the concept









HTML

It's about **tag!**

HyperText Markup Language (HTML)

- A standard of programming language for showing the web's document
 - Control the appearance of web page & its content
 - Make an online form for enrolment, online transaction
 - Add the objects, e.g., image, audio, video & Java applet in the document

HTML Tools

- Browser
 - Client's installed software for translating HTML tags into web pages
 - E.g., Chrome, Internet Explorer, Netscape Navigator, Opera, Mozilla, etc.
- Editor
 - Program for creating HTML document
 - There are many: Notepad, Notepad++, Macromedia DreamWeaver, Microsoft FrontPage, Sublime Text, Vim, Brackets, etc.

HTML tags

- Programming language → code, HTML → tag
- E.g., `<html>`, `<head>`, `<title>`, `<body>`, ``, etc.
- It is NOT case sensitive → `<body>` is the same as `<BODY>`

HTML tags (continued)

- General format:

<ELEMENT ATTRIBUTE = VALUE>

- **ELEMENT**: tag name
- **ATTRIBUTE**: tag's attribute
- **value**: attribute's value
- E.g.:

<BODY BGCOLOR=BLUE>

HTML document structure

- HTML document consisting of 3 parts: HTML, HEAD and BODY

```
<HTML>
```

```
  <HEAD>
```

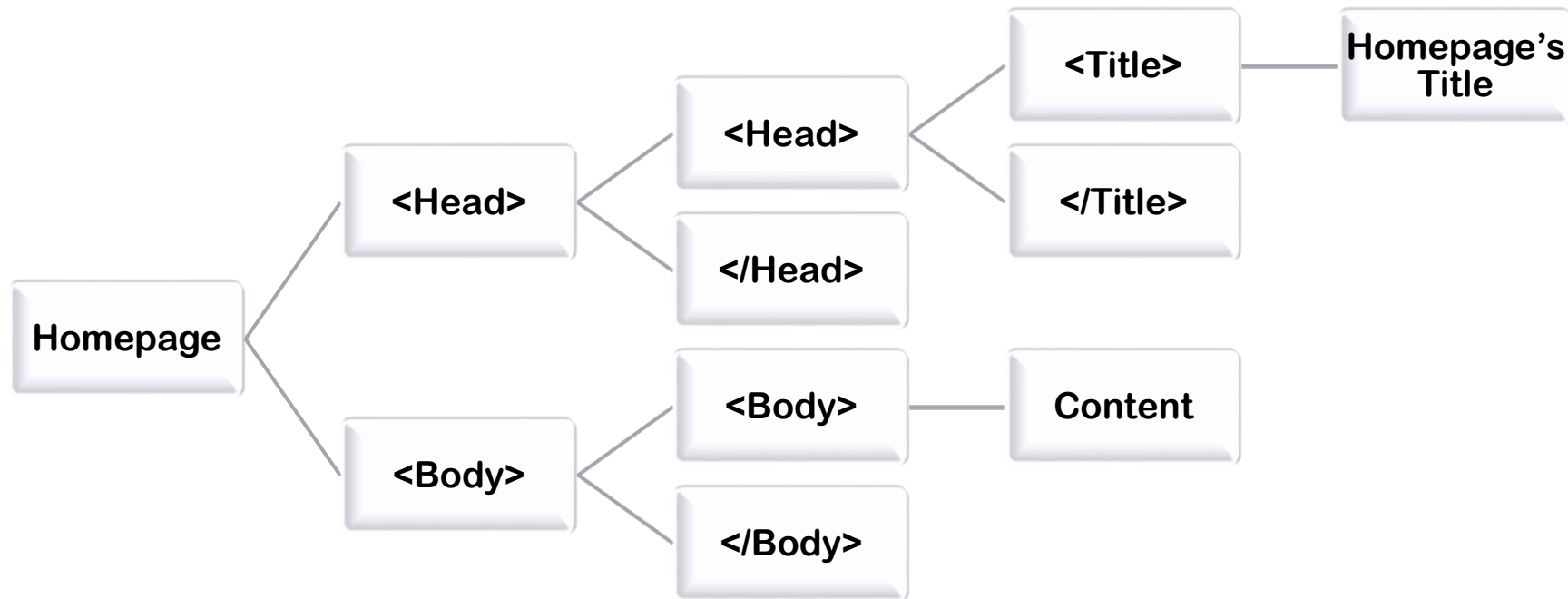
```
  </HEAD>
```

```
  <BODY>
```

```
  </BODY>
```

```
</HTML>
```

HTML structure



`<HTML>`

- Each HTML document starts and ends by the HTML tag

`<HTML> ... </HTML>`

- `<HTML>` tag tells the browser that anything between these tags is HTML document

```
<HEAD>
```

- In this part, usually it has `<TITLE>` tag for showing the title of web page

```
<HTML>
```

```
  <HEAD>
```

```
    <TITLE>
```

```
    Subakti Family: Russian-Indonesian couple
```

```
  </TITLE>
```

```
</HEAD>
```

```
</HTML>
```



<BODY>

- <BODY> tag used for showing the text, image link & everything will be shown on web page

```
<HTML>
```

```
  <HEAD>
```

```
    <TITLE>Welcome to my home page</TITLE>
```

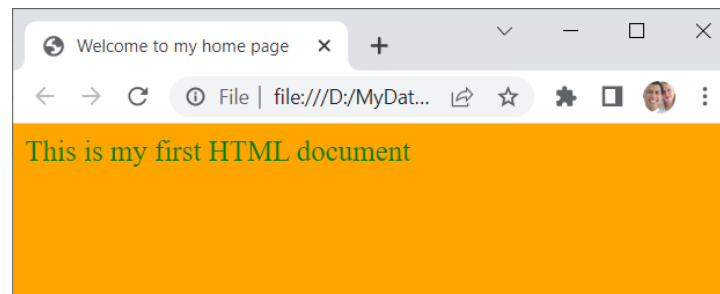
```
  </HEAD>
```

```
  <BODY TEXT=GREEN BGCOLOR=ORANGE>
```

```
    <P>This is my first HTML document</P>
```

```
  </BODY>
```

```
</HTML>
```



Basic element: Block level

- Block level element: 6 levels, i.e., H1 to H6

```
<BODY>
```

```
  <H1>Heading one (H1) </H1>
```

```
  <H2>Heading two (H2) </H2>
```

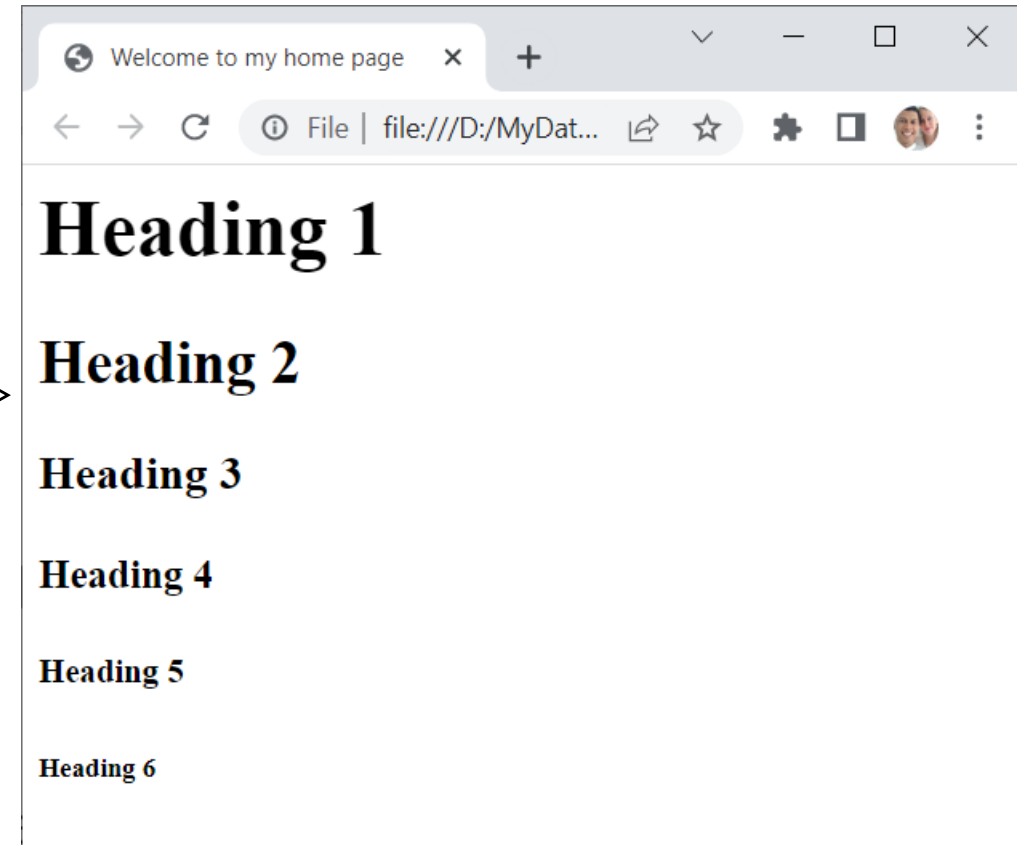
```
  <H3>Heading three (H3) </H3>
```

```
  <H4>Heading four (H4) </H4>
```

```
  <H5>Heading five (H5) </H5>
```

```
  <H6>Heading six (H6) </H6>
```

```
</BODY>
```



Basic element: Paragraph (p)

- Showing the text as a paragraph

```
<BODY>
```

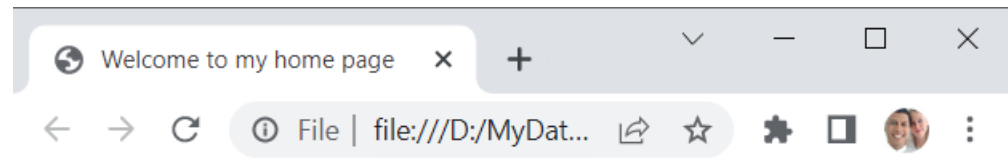
```
  <H3>Welcome!</H3>
```

```
  <P>
```

```
    In this website, you will find  
    a lot of information about Web Programming
```

```
  </P>
```

```
</BODY>
```



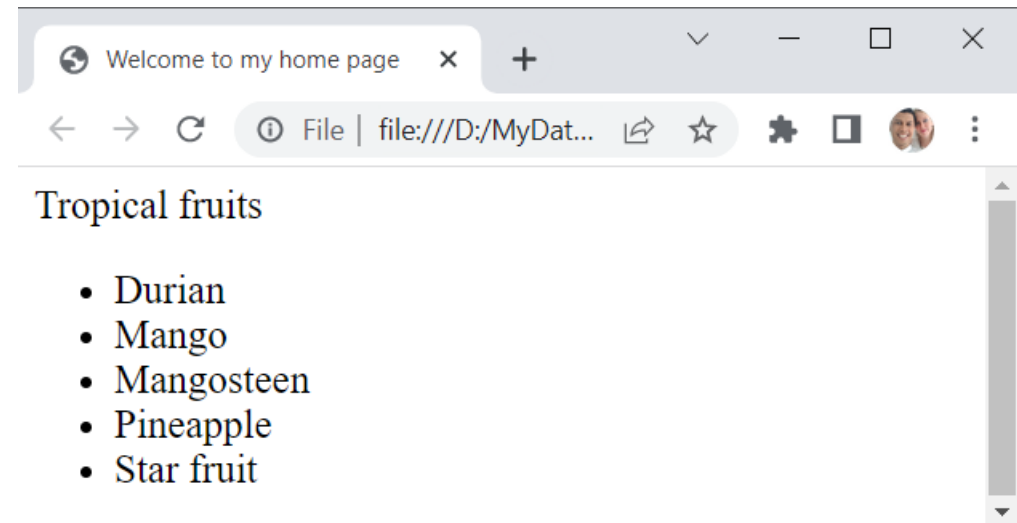
Welcome!

In this website, you will find a lot of information about Web Programming

Basic element: List item (li)

- Unordered list : there's no order of the list (bullet)

```
<BODY>
  <P>Tropical fruits</P>
  <UL>
    <LI>Durian</LI>
    <LI>Mango</LI>
    <LI>Mangosteen</LI>
    <LI>Pineapple</LI>
    <LI>Star fruit</LI>
  </UL>
</BODY>
```



List item (li) - continued

- Ordered list ``: there's an order of the list

```
<BODY>
```

```
  <P>Bumilangit Cinematic Universe</P>
```

```
  <OL start=1 type=1>
```

```
    <LI>Gundala</LI>
```

```
    <LI>Sri Asih</LI>
```

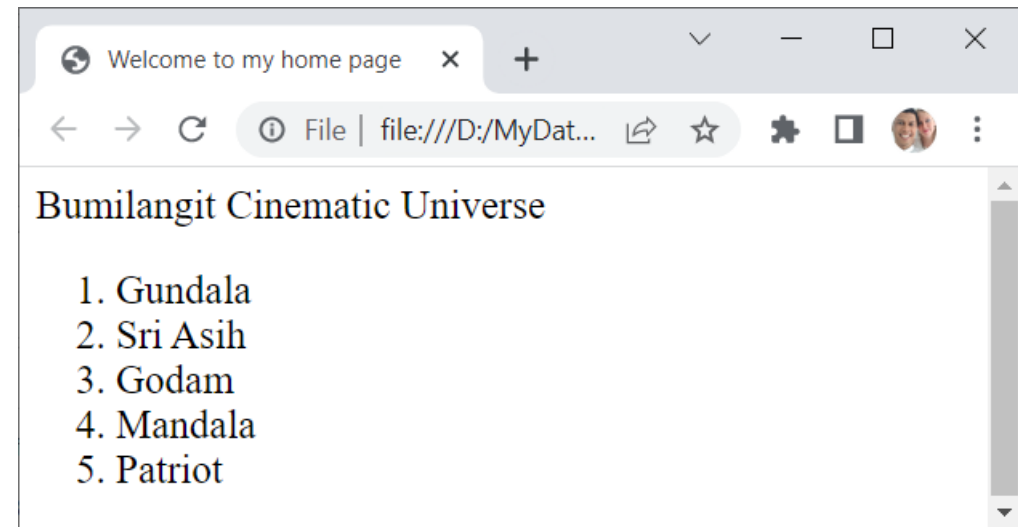
```
    <LI>Godam</LI>
```

```
    <LI>Mandala</LI>
```

```
    <LI>Patriot</LI>
```

```
  </OL>
```

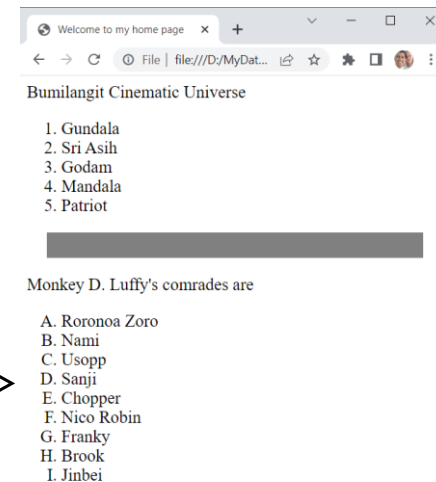
```
</BODY>
```



Basic element: Horizontal rule (hr)

- Horizontal rule tag used to draw the horizontal line in HTML document
- The attributes of <HR>:
 - ALIGN → the location of the horizontal rule, values: CENTER | RIGHT | LEFT
 - WIDTH → the length of the horizontal rule, default value: 100%
 - SIZE → the thickness of the horizontal rule in pixel
 - NOSHADE → the shadowing effect

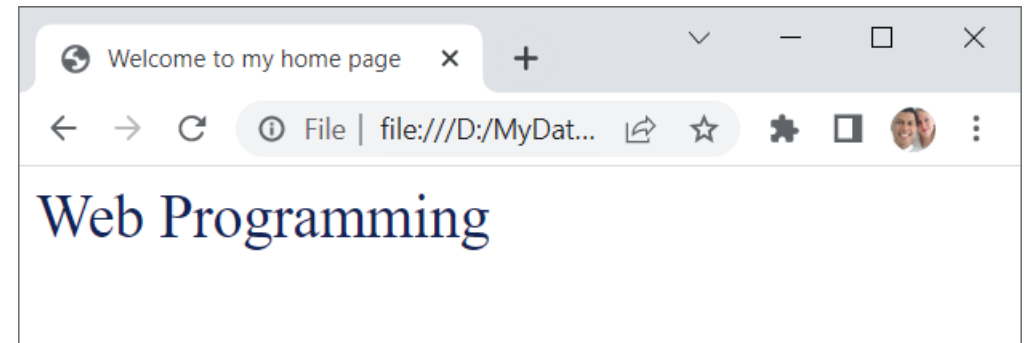
```
<HR ALIGN=CENTER WIDTH=90% SIZE=30 NOSHADE>
```



Page formatting

- BREAK: starting a new line → `
`
- FONT: font format appearance

```
<FONT COLOR=#112255 SIZE=5>  
    Web Programming  
</FONT>
```



- COLOR: the attribute whose 3 colour's categories (RGB)

`#RRGGBB` → `#00FF00` is Green

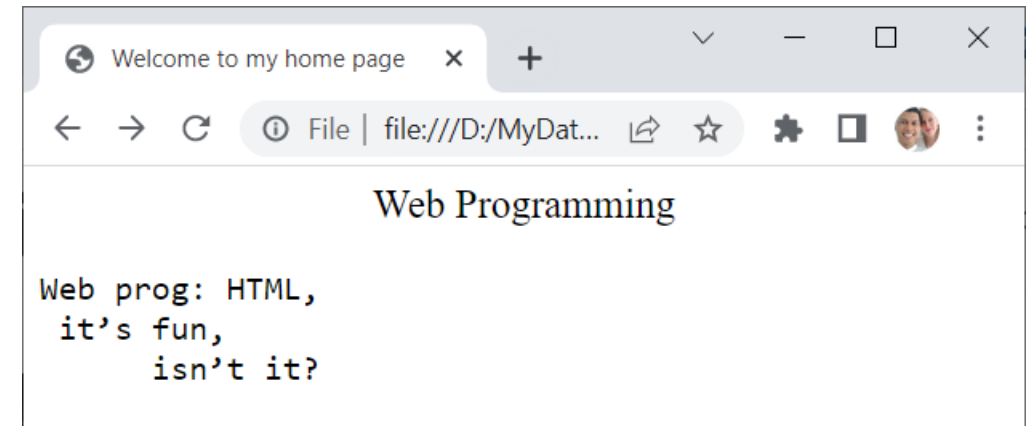
Page formatting (continued)

- Alignment: object alignment → LEFT | RIGHT | CENTER | JUSTIFY

```
<P ALIGN=CENTER> Web Programming</P>
```

- Text format:
 - Physical format
 - Logical format
 - Preformatted text: shows the text as it is

```
<PRE>Web prog: HTML,  
  it's fun,  
    isn't it?  
</PRE>
```



Physic & Logic

Physical format

| Tag | Description |
|---|----------------------------|
| <code> ... </code> | Bold text |
| <code><I> ... </I></code> | Italic text |
| <code><U> ... </U></code> | Underline text |
| <code><BIG> ... </BIG></code> | Bigger than a normal size |
| <code><SMALL> ... </SMALL></code> | Smaller than a normal size |
| <code><STRIKE> ... </STRIKE></code> | Strikethrough text |
| <code><SUP> ... </SUP></code> | Superscript text |
| <code><SUB> ... </SUB></code> | Subscript |
| <code><CENTER> ... </CENTER></code> | Center-align text |

Logical format

| Tag | Description |
|---|---|
| <code> ... </code> | Emphasized text → displayed in italic <code><I></code> |
| <code> ... </code> | Strong importance → displayed in bold <code></code> |
| <code> ... </code> | Been deleted → strike a line through deleted text <code><STRIKE></code> |
| <code><INS> ... </INS></code> | Been inserted → underline inserted text <code><U></code> |

```

<HTML>
<HEAD>
  <TITLE>Welcome to our lecture</TITLE>
</HEAD>
<BODY>
  <P ALIGN="JUSTIFY">
    <B>Pevita</B> Pearce was born in <del>Jakarta</del> on 6 <U>October</U> 1992. She
    <EM>second</EM> child of three of <STRONG>Bramwell Pearce</STRONG> from
    <DEL>Surabaya</DEL> Wales, and <BIG>Ernie Auliasari</BIG> from
    <STRIKE>Sidoarjo</STRIKE> Banjarmasin. <SMALL>Pevita</SMALL> Pearce cont
    her study in <INS>New York</INS> City
  </P>
  <P ALIGN="RIGHT">
    Einstein's Big Idea: E=MC<SUP>2</SUP>
  <BR>
    The chemical symbol for water: H<SUB>2</SUB><SUB>0
  </P>
</BODY>
</HTML>

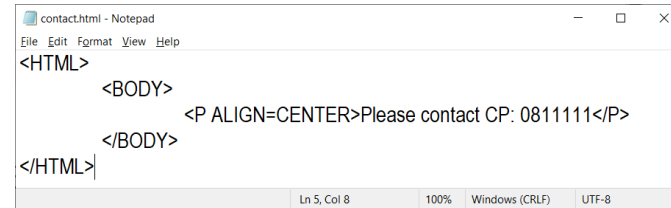
```

Pevita Pearce was born in *Jakarta* on 6 October 1992. She is the *second* child of three of **Bramwell Pearce** from ~~Surabaya~~ Wales, and Ernie Auliasari from ~~Sidoarjo~~ Banjarmasin. Pevita Pearce continued her study in New York City

Einstein's Big Idea: $E=MC^2$
The chemical symbol for water: H_2O

Basic element: Hyperlink (a)

- Create a link to other document



```
contact.html - Notepad
File Edit Format View Help
<HTML>
  <BODY>
    <P ALIGN=CENTER>Please contact CP: 08111111</P>
  </BODY>
</HTML>
```

`Contact us`

`Subakti Family:
Russian-Indonesian couple`

- Create a link to the particular part/section in a document

`Course topic`

`See the course topic`

```
<HTML>
<BODY>
  <A HREF=contact.html>Contact us</A><BR>
  <A HREF=https://subakti.com>Subakti Family: Russian-Indonesian couple</A><BR><BR>
  <A NAME=section1><B>Section One: HTML</B></A>
  <PRE><P>
HyperText Markup Language (HTML).
A standard of programming language for showing the web's document.
Control the appearance of web page & its content.
Make an online form for enrolment, online transaction.
Add the objects, e.g., image, audio, video & Java applet in the document.
</P><PRE>
  <A NAME=section2><B>Section Two: HTML Tools</B></A>
  <PRE><P>
HTML Tools.
Browser.
Client's installed software for translating HTML tags into web pages.
E.g., Chrome, Internet Explorer, Netscape Navigator, Opera, Mozilla, etc.
Editor.
Program for creating HTML document.
There are many: Notepad, Notepad++, Macromedia DreamWeaver, Microsoft FrontPage, Sublime Text, Vim, Brackets, etc.
</P><PRE>
  <A HREF=#section1>See the section one: HTML</A><BR>
  <A HREF=#section2>See the section two: HTML Tools</A>
</BODY>
</HTML>
```

```
Contact us
Subakti Family: Russian-Indonesian couple

Section One: HTML

HyperText Markup Language (HTML).
A standard of programming language for showing the web's document.
Control the appearance of web page & its content.
Make an online form for enrolment, online transaction.
Add the objects, e.g., image, audio, video & Java applet in the document.

Section Two: HTML Tools

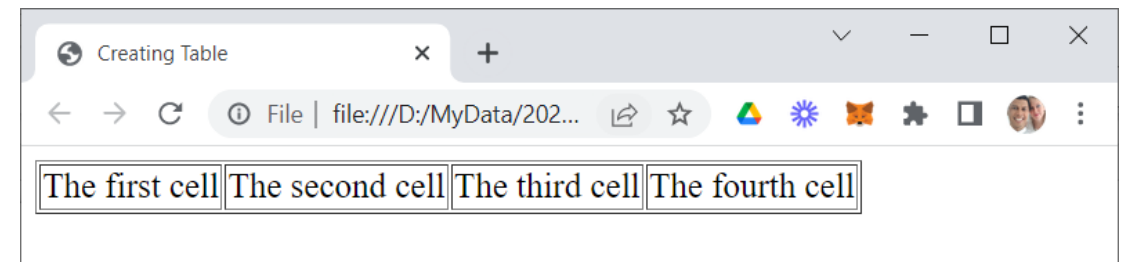
HTML Tools.
Browser.
Client's installed software for translating HTML tags into web pages.
E.g., Chrome, Internet Explorer, Netscape Navigator, Opera, Mozilla, etc.
Editor.
Program for creating HTML document.
There are many: Notepad, Notepad++, Macromedia DreamWeaver, Microsoft FrontPage, Sublime Text, Vim, Brackets, etc

See the section one: HTML
See the section two: HTML Tools
```

Creating table

- Tag for the table: `<TABLE> ... </TABLE>`
- Tag for the cell: `<TD> ... </TD>`
- E.g.

```
<HTML>
  <HEAD>
    <TITLE>Creating Table</TITLE>
  </HEAD>
  <BODY>
    <TABLE BORDER=1>
      <TD>The first cell</TD>
      <TD>The second cell</TD>
      <TD>The third cell</TD>
      <TD>The fourth cell</TD>
    </TABLE>
  </BODY>
</HTML>
```



Creating table (continued)

- Tag for the cell's row: `<TR> ... </TR>`
- Tag for the table's title: `<CAPTION> ... </CAPTION>`
- E.g.

```
<HTML>
  <BODY>
    <TABLE BORDER=1>
      <CAPTION>Creating Table</CAPTION>
      <TR>
        <TD>Row 1 Col 1</TD>
        <TD>Row 1 Col 2</TD>
      </TR>
      <TR>
        <TD>Row 2 Col 1</TD>
        <TD>Row 2 Col 2</TD>
      </TR>
    </TABLE>
  </BODY>
</HTML>
```

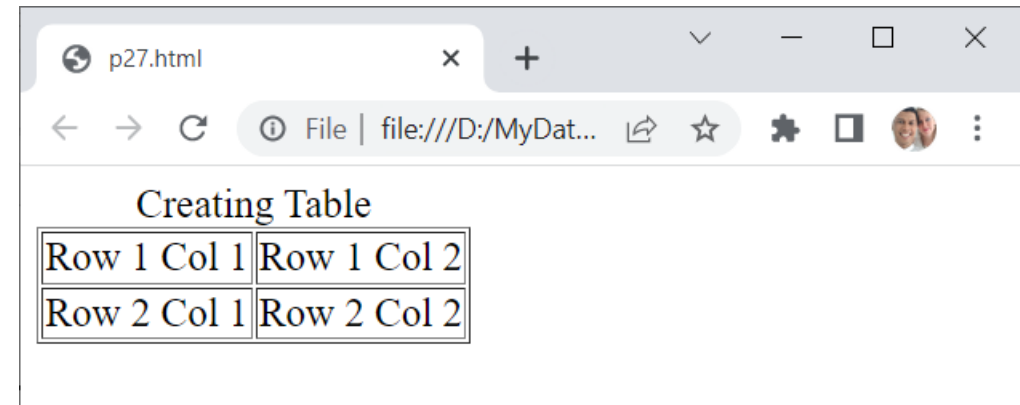
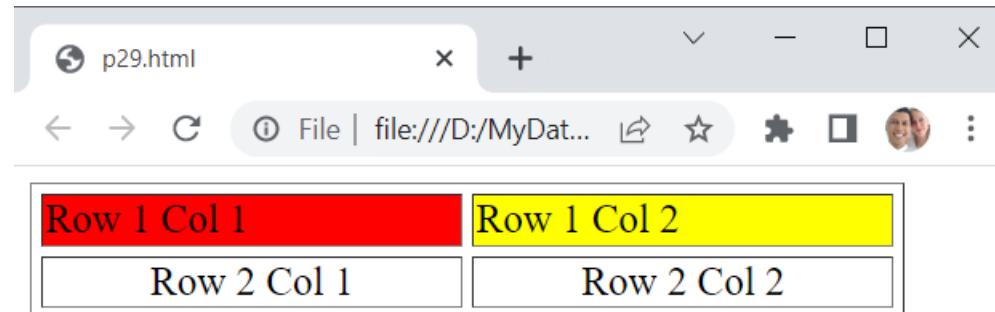


Table formatting

- Table alignment
 - `Align` (`CENTER`, `JUSTIFY`, `LEFT`, `RIGHT`) → horizontal alignment
 - `VAlign` (`BASELINE`, `TOP`, `MIDDLE`, `BOTTOM`) → vertical alignment
- Table width: `WIDTH=25%`
- Cell colour: `BGCOLOR=RED`
- Table space
 - `CELLSPACING` → space between the cells
 - `CELLPADDING` → space from the border to the text in the cell

Table formatting (continued)

```
<HTML>
  <BODY>
    <TABLE BORDER=1 CELLSPACING=5 CELLPADDING=10>
      <TR ALIGN=LEFT VALIGN=TOP>
        <TD WIDTH=25% BGCOLOR=RED>Row 1 Col 1</TD>
        <TD WIDTH=25% BGCOLOR=YELLOW>Row 1 Col 2</TD>
      </TR>
      <TR ALIGN=CENTER VALIGN=BASELINE>
        <TD>Row 2 Col 1</TD>
        <TD>Row 2 Col 2</TD>
      </TR>
    </TABLE>
  </BODY>
</HTML>
```



CSS

Cascading Style Sheet

CSS: About

- CSS: Cascading Style Sheet
- Function: defining the text's style of font, size and colour
- Creating methods
 - Style Sheet Inline
 - Style Sheet Internal
 - Style Sheet External

Style Sheet Inline

- Can be typed directly in HTML tag as an attribute

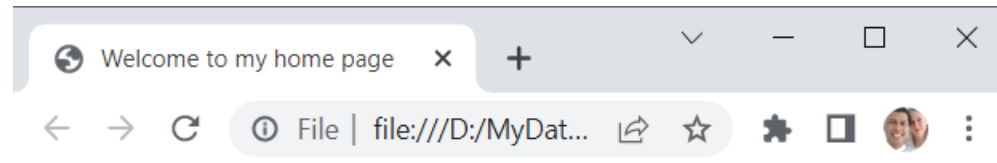
```
<BODY>
```

```
  <B STYLE=COLOR:BLUE>
```

```
    The bold and blue colour text!
```

```
  </B>
```

```
</BODY>
```



The bold and blue colour text!

Style Sheet Internal

- By using the tag `STYLE` inside the tag `HEAD`

```
<HEAD>
```

```
  <STYLE TYPE=TEXT/CSS>
```

```
    ...
```

```
    Style definitions here
```

```
    ...
```

```
  </STYLE>
```

```
</HEAD>
```

Style definitions

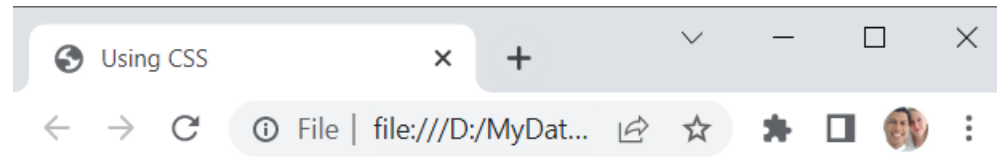
- Style definitions are the definitions or the intended style
- The format as in the following

```
SELECTOR {PROPERTY1: VALUE1;  
          PROPERTY2: VALUE2; ...  
          PROPERTYN: VALUEN; }
```

- Selector → the tag used by web browser
- Property → value is the style's effect designated for selector

Style definitions: the example

```
<!-- stylecss01.html -->
<HTML>
  <HEAD>
    <TITLE>Using CSS</TITLE>
    <STYLE TYPE=TEXT/CSS>
      B {COLOR: BLUE}
    </STYLE>
  </HEAD>
  <BODY>
    <P>This <B>bold</B> text automatically written in a blue colour!<BR>
    Whenever the bold tag is called, it has a <B>blue</B> colour!
  </P>
  </BODY>
</HTML>
```



This **bold** text automatically written in a blue colour!
Whenever the bold tag is called, it has a **blue** colour!

Style Sheet External

- Save the style's information to a file whose extension/type is `.CSS`
- Calling the CSS file in HTML by using tag `LINK` placed in tag `HEAD`
- By using the tag `STYLE` inside the tag `HEAD`

```
<HEAD>
```

```
    <LINK REL=STYLESHEET TYPE=TEXT/CSS  
        HREF="Filename.CSS" />
```

```
    ...
```

```
    ...
```

```
</HEAD>
```

Style Sheet External (continued)

```
stylecss02.css - Notepad
File Edit Format View Help
/* stylecss02.css */
H1, H2, H3, H4 {COLOR : BLUE;}
H1 {FONT-SIZE : 18pt;}
H2 {FONT-SIZE : 16pt;}
H3 {FONT-SIZE : 14pt;}
H4 {FONT-SIZE : 12pt;}
P {FONT-SIZE : 10pt;}
Ln 8, Col 100% Windows (CRLF) UTF-8
```

Using CSS

File | file:///D:/MyDat... ☆ ⚙ □ 👤 ⋮

```
stylecss03.html - Notepad
File Edit Format View Help
<!-- stylecss03.html -->
<HTML>
  <HEAD>
    <LINK REL = STYLESHEET TYPE = TEXT/CSS
      HREF = "stylecss02.css"/>
    <STYLE TYPE=TEXT/CSS>
      B {COLOR: BLUE}
    </STYLE>
    <TITLE>Using CSS</TITLE>
  </HEAD>
  <BODY>
    <H1>Header 1</H1>
    <H2>Header 2</H2>
    <H3>Header 3</H3>
    <H4>Header 4</H4>
    <P>This <B>bold</B> text automatically written in a blue colour!
  <BR>
    Whenever the bold tag is called, it has a <B>blue</B> colour!
  </P>
    <H5>This is H5</H5>
  </BODY>
</HTML>
Ln 22, Col 1 100% Windows (CRLF) UTF-8
```

Header 1

Header 2

Header 3

Header 4

This **bold** text automatically written in a blue colour!
Whenever the bold tag is called, it has a **blue** colour!

This is H5

Style Sheet External (continued)

```
<STYLE TYPE = TEXT/CSS>
```

















```
    HR {COLOR:RED; HEIGHT:5PX; WIDTH:50%; }
```

```
</STYLE>
```

- **Description**

- **Tag** → STYLE
- **Attribute** → TYPE = "TEXT/CSS"
- **Selector** → HR
- **Property** → COLOR, HEIGHT, WIDTH
- **Value** → RED, 5PX, 50%

Colour list

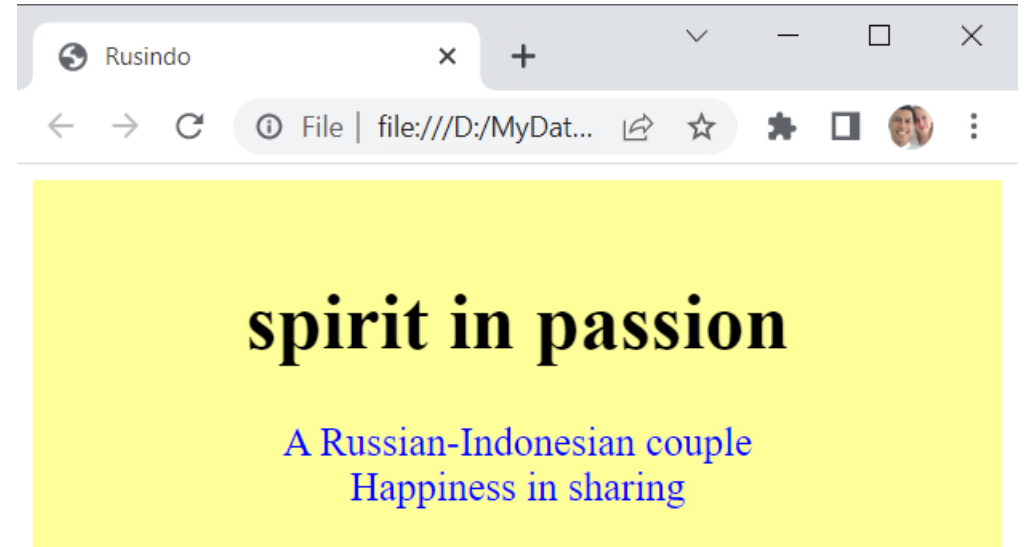
| | |
|---|--|
|  black = "#000000" |  green = "#008000" |
|  silver = "#C0C0C0" |  lime = "#00FF00" |
|  gray = "#808080" |  olive = "#808000" |
|  white = "#FFFFFF" |  yellow = "#FFFF00" |
|  maroon = "#800000" |  navy = "#000080" |
|  red = "#FF0000" |  blue = "#0000FF" |
|  purple = "#800080" |  teal = "#008080" |
|  fuchsia = "#FF00FF" |  aqua = "#00FFFF" |

| | | | | | | | | | | | | | | | | |
|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|
| FFF FFF | CCC CCC | 999 999 | 666 666 | 333 333 | 000 000 | FFC C00 | FF9 900 | FF6 600 | FF3 300 | | | | | | | |
| 99C C00 | | | | | | CC9 900 | FFC C33 | FFC C66 | FF9 966 | FF6 633 | CC3 300 | | | | CC0 033 | |
| CCF F00 | CCF F33 | 333 300 | 666 600 | 999 900 | CCC C00 | FFF F00 | CC9 933 | CC6 633 | 330 000 | 660 000 | 990 000 | CC0 000 | FF0 000 | FF3 366 | FF0 033 | |
| 99F F00 | CCF F66 | 99C C33 | 666 633 | 999 933 | CCC C33 | FFF F33 | 996 600 | 993 300 | 663 333 | 993 333 | CC3 333 | FF3 333 | CC3 366 | FF6 699 | FF0 066 | |
| 66F F00 | 99F F66 | 66C C33 | 669 900 | 999 966 | CCC C66 | FFF F66 | 996 633 | 663 300 | 996 666 | CC6 666 | FF6 666 | 990 033 | CC3 399 | FF6 6CC | FF0 099 | |
| 33F F00 | 66F F33 | 339 900 | 66C C00 | 99F F33 | CCC C99 | FFF F99 | CC9 966 | CC6 600 | CC9 999 | FF9 999 | FF3 399 | CC0 066 | 990 066 | FF3 3CC | FF0 0CC | |
| 00C C00 | 33C C00 | 336 600 | 669 933 | 99C C66 | CCF F99 | FFF FCC | FFC C99 | FF9 933 | FFC CCC | FF9 9CC | CC6 699 | 993 366 | 660 033 | CC0 099 | 330 033 | |
| 33C C33 | 66C C66 | 00F F00 | 33F F33 | 66F F66 | 99F F99 | CCF FCC | | | | CC9 9CC | 996 699 | 993 399 | 990 099 | 663 366 | 660 066 | |
| 006 600 | 336 633 | 009 900 | 339 933 | 669 966 | 99C C99 | | | | | FFC CFF | FF9 9FF | FF6 6FF | FF3 3FF | FF0 0FF | CC6 6CC | CC3 3CC |
| 003 300 | 00C C33 | 006 633 | 339 966 | 66C C99 | 99F FCC | CCF FFF | 339 9FF | 99C CFF | CCC CFF | CC9 9FF | 996 6CC | 663 399 | 330 066 | 990 0CC | CC0 0CC | |
| 00F F33 | 33F F66 | 009 933 | 00C C66 | 33F F99 | 99F FFF | 99C CCC | 006 6CC | 669 9CC | 999 9FF | 999 9CC | 993 3FF | 660 0CC | 660 099 | CC3 3FF | CC0 0FF | |
| 00F F66 | 66F F99 | 33C C66 | 009 966 | 66F FFF | 66C CCC | 669 999 | 003 366 | 336 699 | 666 6FF | 666 6CC | 666 699 | 330 099 | 993 3CC | CC6 6FF | 990 0FF | |
| 00F F99 | 66F FCC | 33C C99 | 33F FFF | 33C CCC | 339 999 | 336 666 | 006 699 | 003 399 | 333 3FF | 333 3CC | 333 399 | 333 366 | 663 3CC | 996 6FF | 660 0FF | |
| 00F FCC | 33F FCC | 00F FFF | 00C CCC | 009 999 | 006 666 | 003 333 | 339 9CC | 336 6CC | 000 0FF | 000 0CC | 000 099 | 000 066 | 000 033 | 663 3FF | 330 0FF | |
| 00C C99 | | | | | | 009 9CC | 33C CFF | 66C CFF | 669 9FF | 336 6FF | 003 3CC | | | | 330 0CC | |

ID Selector and CLASS

- ID Selector can be defined by ourselves
 - Started by the symbol **#** (octothorpe)
- CLASS is started by the symbol **.** (period)

```
stylecss04.html - Notepad
File Edit Format View Help
<!-- stylecss04.html -->
<HTML>
  <HEAD>
    <TITLE>Rusindo</TITLE>
    <STYLE TYPE = TEXT/CSS>
      #TOP {
        BACKGROUND-COLOR : #FF9;
        PADDING : 1em;
        TEXT-ALIGN: CENTER;
      }
      .MyLine {
        COLOR: BLUE;
        FRONT-WEIGHT: BOLD;
        MARGIN: 0;
        PADDING: 0;
      }
    </STYLE>
  </HEAD>
  <BODY>
    <DIV ID = TOP>
      <H1>spirit in passion</H1>
      <P CLASS = "MyLine">A Russian-Indonesian couple</P>
      <P CLASS = "MyLine">Happiness in sharing</P>
    </DIV>
    <P>Welcome to our website!</P>
  </BODY>
</HTML>
```



Welcome to our website!

JavaScript

Building the webpage, interactively

JavaScript: Introduction

- A script-based language which can be run on HTML document
- 4 December 1995, during a collaboration between Netscape and Sun Microsystems (Java developer) → Netscape gave a name to this language: JavaScript
- On the other hand, Microsoft had been trying to adapt this technology into its own browser, Internet Explorer 3 → they called it: JScript

Comparison

Java Script

- Client-side programming
- Compiler: browser
- Developer: Netscape
- The code can be seen in HTML document
- Integrated within HTML document

Java

- Server & client programming
- Compiler: JVM
- Developer: Sun Microsystems
- The code (Applet) cannot be seen in HTML document
- Separated from HTML document

JavaScript: the ability

- Response to events
- Read and write HTML elements
- Validate the data
- Detect the browser's visitor
- Create the cookies

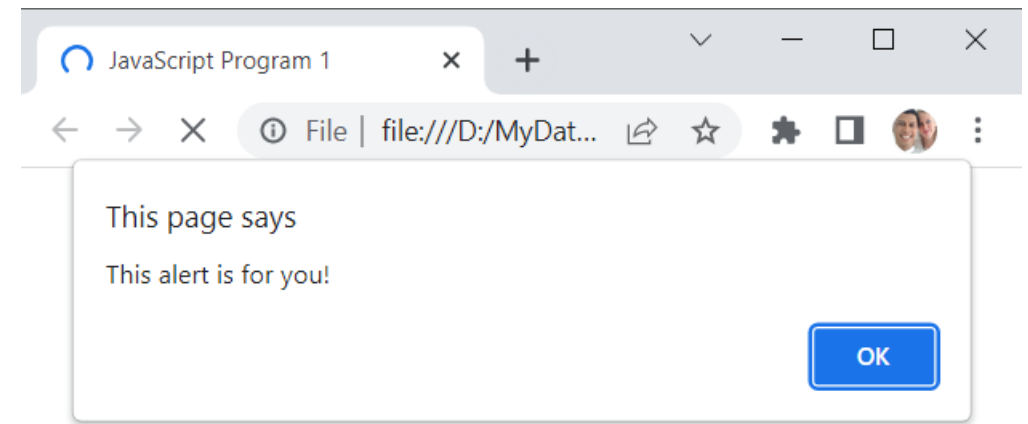
JavaScript: HTML document inside

- `<SCRIPT>` tag
 - Usually `<SCRIPT>` inserted between `<HEAD>` and `</HEAD>`
 - Calling the JavaScript function (it calls **event**) inserted between `<BODY>` and `</BODY>`
- External file

```
<SCRIPT LANGUAGE = "JavaScript" SRC = "url/file.js"
</SCRIPT>
```
- Event
 - Event is an action done by user → click a mouse
 - `<tag eventHandler = "JavaScript code will be inserted ">`

Alert: the example

```
<HTML>
  <HEAD>
    <TITLE>JavaScript Program 1</TITLE>
  </HEAD>
  <BODY>
    <SCRIPT LANGUAGE = "JavaScript">
      <!--
        alert("This alert is for you!");
      // -->
    </SCRIPT>
  </BODY>
</HTML>
```



Prompt: the example

```
<HTML>
```

```
  <HEAD>
```

```
    <TITLE>Data Input</TITLE>
```

```
  </HEAD>
```

```
  <BODY>
```

```
    <SCRIPT LANGUAGE = "JavaScript">
```

```
    <!--
```

```
      var name = prompt("What is your name?");
```

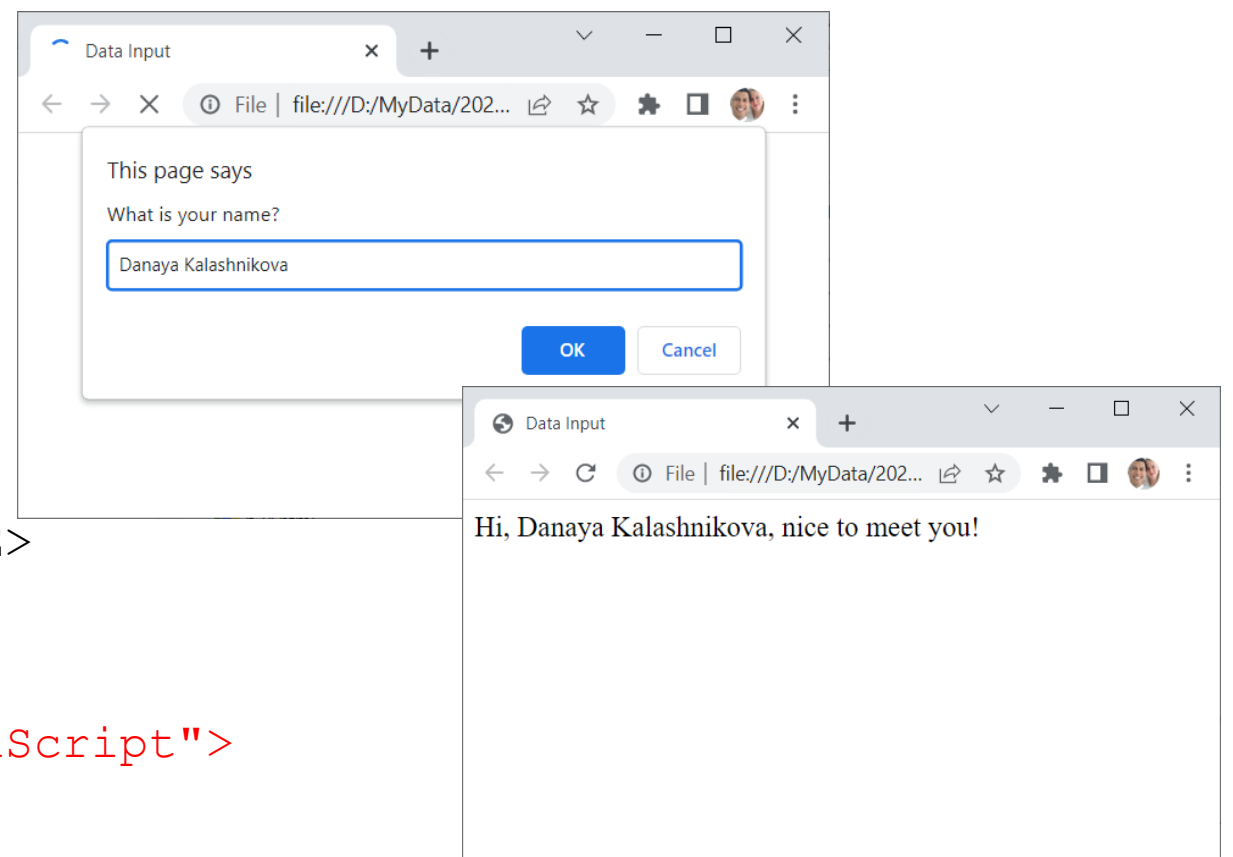
```
      document.write("Hi, " + name + ", nice to meet you!");
```

```
    // -->
```

```
    </SCRIPT>
```

```
  </BODY>
```

```
</HTML>
```



Interactive form: the example

```
<SCRIPT LANGUAGE = "JavaScript">
```

```
function mySearch() {
```

```
var key = document.fSearch.keyword.value;
```

```
var result = https://www.google.com/search?q= + key;
```

```
window.open(
```

```
result, 'google', config =
```

```
'height=500, width=750, scrollbars=yes location=yes'
```

```
)
```

```
}
```

```
</SCRIPT>
```

```
<FORM NAME="fSearch" onSubmit="mySearch()">
```

```
Search by using Google:
```

```
<INPUT NAME="keyword" SIZE="40" TYPE="text">
```

```
<INPUT TYPE="submit" VALUE="Search">
```

```
</FORM>
```

