

Programming Fundamental

# Introduction to



# HTML

# Front-End Development

Front end development is the development of code that creates the visual front-end elements of a software, application or website. Front end languages include **HTML**, **CSS**, and **Javascript**



**HTML** defines the content of web pages

**CSS** specifies the layout of web pages

**JS** programs the behavior of web pages



**HTML (Hyper Text Markup Language)** is the standard language for creating Web pages. It describes the structure of Web pages.

**HTML elements** are the building blocks of HTML pages, represented by tags such as: "heading", "paragraph", "table", and so on.

```
<!DOCTYPE html>
<html>
<head>
<title></title>
</head>
<body>
</body>
</html>
```



# Make your first web page

```
<!DOCTYPE html>
<html>
  <head>
    <title>Purwadhika</title>
  </head>
  <body>

    Hello World!

  </body>
</html>
```

# HTML Basic

`<h1>Ini Heading 1</h1>`

`<h2>Ini Heading 2</h2>`

`<h3>Ini Heading 3</h3>`

`<h4>Ini Heading 4</h4>`

`<h5>Ini Heading 5</h5>`

`<h6>Ini Heading 6</h6>`

`<center>`

`<p>Ini Paragraf</p>`

`</center>`

`<a href="url">Silakan klik!</a><br><br>`

``

# HTML Text Formatting

`<b> Ini bold </b><br>`  
`<strong> Ini strong </strong><br>`  
`<i> Ini italic </i><br>`  
`<em> Ini emphasized </em><br>`  
`<mark> Ini marked </mark><br>`  
`<small> Ini small </small><br>`  
`<del> Ini deleted </del><br>`  
`<ins> Ini inserted </ins><br>`  
`<sub> Ini subscript </sub><br>`  
`<sup> Ini superscript </sup><br>`

# HTML Table

```
<table>
  <tr>
    <th> Nama </th>
    <th> TTL </th>
    <th> Alamat </th>
  </tr>
  <tr>
    <td> Galih </td>
    <td> Jepara, 25 Jan 92 </td>
    <td> Soditan 02/VI Kramat Jati </td>
  </tr>
  <tr>
    <td> Ratna </td>
    <td> Bandung, 4 Apr 1994 </td>
    <td> Geger Kalong No 45 </td>
  </tr>
</table>
```

# Table's Border

```
<!DOCTYPE html>
<html>
<head>
<title>Purwadhika</title>
<style>
table, th, td {
    border: 1px solid black;
    border-collapse: collapse;}
</style>
</head>
<body>
---INSERT HTML TABLE FROM PREVIOUS SLIDE
</body>
</html>
```



# HTML Form

`<form>`

**Nama** `<input type="text" name="nama">`

`<br>`

**Usia** `<input type="number" name="usia">`

`<br>`

`<input type="radio" name="sex" value="P"> Pria`

`<input type="radio" name="sex" value="W"`

`checked> Wanita`




`<br>`

`<input type="submit" value="OK">`

`</form>`

# Exercise

## Purwadhika League 2017

Rank	Club	Logo	Function	Level	OK
1 <sup>st</sup>	Barcelona FC		$2x^3 + 3x^2 - x - 13 = 0$	<input type="radio"/> Junior <input checked="" type="radio"/> Profesional	<a href="#">Edit</a>
2 <sup>nd</sup>	Bayern Munich		$3y^3 - 5y^2 - 2y + 3 = 0$	<input checked="" type="radio"/> Junior <input type="radio"/> Profesional	<a href="#">Edit</a>
3 <sup>rd</sup>	Real Madrid		$2z^3 + z^2 - 2z + 5 = 0$	<input checked="" type="radio"/> Junior <input type="radio"/> Profesional	<a href="#">Edit</a>

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lintang@purwadhika.com

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