

Programming Fundamental

Introduction to

HTML



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>

Silakan klik!

HTML Text Formatting

` Ini bold
`
` Ini strong
`
`<i> Ini italic </i>
`
` Ini emphasized
`
`<mark> Ini marked </mark>
`
`<small> Ini small </small>
`
` Ini deleted
`
`<ins> Ini inserted </ins>
`
`_{Ini subscript}
`
`^{Ini superscript}
`

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">

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

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

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




checked> Wanita

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

</form>

Exercise

Purwadhika League 2017

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

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