Web Design

Confluence 4

CSS Part I

Dedy Setiawan

What is CSS?

CSS (Cascading Style Sheet)

It's used for building some component in website and then the display of website will be good,

We used css3

Basic CSS's structure

- selector{
  - Properti:value;
- }
- example:
- p{
  - Color:blue;
- }

Id and Class in CSS

- There are 2 ways that are commonly used in using a combination of css and HTML, namely: id and class
- Id
- #selector{
  - Properti:value;
- }
- Class
- .selector{
  - Properti:value;
- }
- Note: id uses # (hash), while class uses. (point)

Basic CSS's connection to HTML

1. Embedded Style Sheet

➡ Writing css is done between the <style> ... </ style> tag and this <style> ... </ style> tag is placed after the </ head> tag and before the <body> tag of the Exercise:

➡ </head>

➡ <style>

    ➡ body{

        ➡ Background: #000EEE;

    ➡ }

    ➡ p{

        ➡ Color: #FFF; font-weight: bold; text-decoration: underline;

    ➡ }

➡ </style>

➡ <body>

Basic CSS's connection to HTML

2. Inline Style Sheet

➡ Writing css is done directly on the HTML tags that are needed only.

➡ Example:

➡ <body>

    ➡ <p style="border:1px solid">I LOVE WEB DESIGN</p>

➡ </body>

Basic CSS's connection to HTML

3. Linked Style Sheet

➡ Writing css separately between HTML and CSS code,

➡ To call it an additional code is used:

➡ <link rel="stylesheet" href="(nama file).css" type="text/css">

➡ example:

➡ 1. create a folder with the name css,

➡ 2. create a css file with the following script:

➡ body{

    backgroud: #FF0000;

    }

    p{

    Color: #FFF; font-weight: bold; text-decoration: underline;}

Basic CSS's connection to HTML

3. Linked Style Sheet

- Save in the css folder with the name style.css3. create an html file with the following script:
- <title>Latihan CSS</title>
- <link rel="stylesheet" href="css/style.css" type="text/css">
- </head>
- <body>
  - <p>Hello world</p>
  - <p>Selamat kamu berhasil menggunakan css</p>
- </body>
- Save outside the css folder with the name index.php

Css import

- \<style>

- @import url('destinasi cssnya');

- \</style>

Multiple Selectors

p, .blue { color : blue; }

Comment di css

/* */

Style list

- List-stle-type

- List-style-image

- List-style-position

Pseudoclasse

- selector:pseudo-class {
- property: VALUE;
- }

Links

- a:link - a normal, unvisited link
- a:visited - a link the user has visited
- a:hover - a link when the user mouses over it
- a:active - a link the moment it is clicked

- Latihan:
- /* unvisited link */

```
a:link {
    color: red;
}

/* visited link */
a:visited {
    color: green;
}

/* mouse over link */
a:hover {
    color: hotpink;
}

/* selected link */
a:active {
    color: blue;
}
```

Class Name Selectors

- .a{
- color: orange;
- }
- .b {
- color: blue;
- }
- .a.b{
- color: red;
- }
- <div class="a">
- <p>This would be some warning copy.</p>
- </div>
- <div class="a b">
- <p class="c">This is some really important warning copy.</p>
- </div>

:last-of-type

- p:last-of-type {
- background: #C5CAE9;
- }
- h1:last-of-type {
- background: #CDDC39;
- }
- <div class="container">
- <p>First paragraph</p>
- <p>Second paragraph</p>
- <p>Last paragraph</p>
- <h1>Heading 1</h1>
- <h2>First heading 2</h2>
- <h2>Last heading 2</h2>
- </div>

Z-index

Box Model

Margin
Border
Padding
Content

- Explanation of the different parts:

- **Content** - The content of the box, where text and images appear

- **Padding** - Clears an area around the content. The padding is transparent

- **Border** - A border that goes around the padding and content

- **Margin** - Clears an area outside the border. The margin is transparent

Margin

Property margin is used to give distance between HTML elements / tags.

Padding

Provides distance between content elements

with these elements.

Height and Width

- ➥ Nilai bisa diisi dengan length(px,pt,cm, dll), %

Backgrounds

CSS background properties:

- background-color
- background-image
- background-repeat
- background-attachment
- background-position

background-image

background-repeat

repeat-x;

repeat-y;

no-repeat;

background-position

background-position-x : 50px;

background-position-y : 50px;

background-position: 50px 50px;

Tips n Trick

Add myfont

```
<style>
@font-face{
        font-family:tes;
        src:url(bahan/Olondona.otf);
}
.tes{
        font-family:tes;
}s
</style>
</head>

<body>
<p class="tes">dedy setiawan</p>
</body>
```

The End