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Cascading Style Sheet (CSS)

Cascading Style Sheet (CSS) digunakan untuk menyederhanakan proses pembuatan website dengan mengatur elemen yang terlis dalam Bahasa markup. CSS berfungsi untuk mendesain tampilan website supaya terlihat cantik. Pengaplikasian CSS dalam baris kode HTML ditempatkan dalam tiga bagian, yaitu external, internal, atau inline.

1. External CSS

Penempatan baris kode menggunakan file .css. CSS ditempatkan di luar kode utama. File CSS harus dipanggil dengan menambahkan source code di header HTML.

```
<head>  
    <link rel = "stylesheet" type="text/css" href=fileCSSanda.css>  
</head>
```

2. Internal CSS

Penulisan internal CSS digunakan tanpa file yang terpisah, melainkan pada header file HTML.

```
<head>  
<style>  
    Body { Background-color: blue; }  
    P    { font-size: 20px; color: mediumblue; }  
</style>  
</head>
```

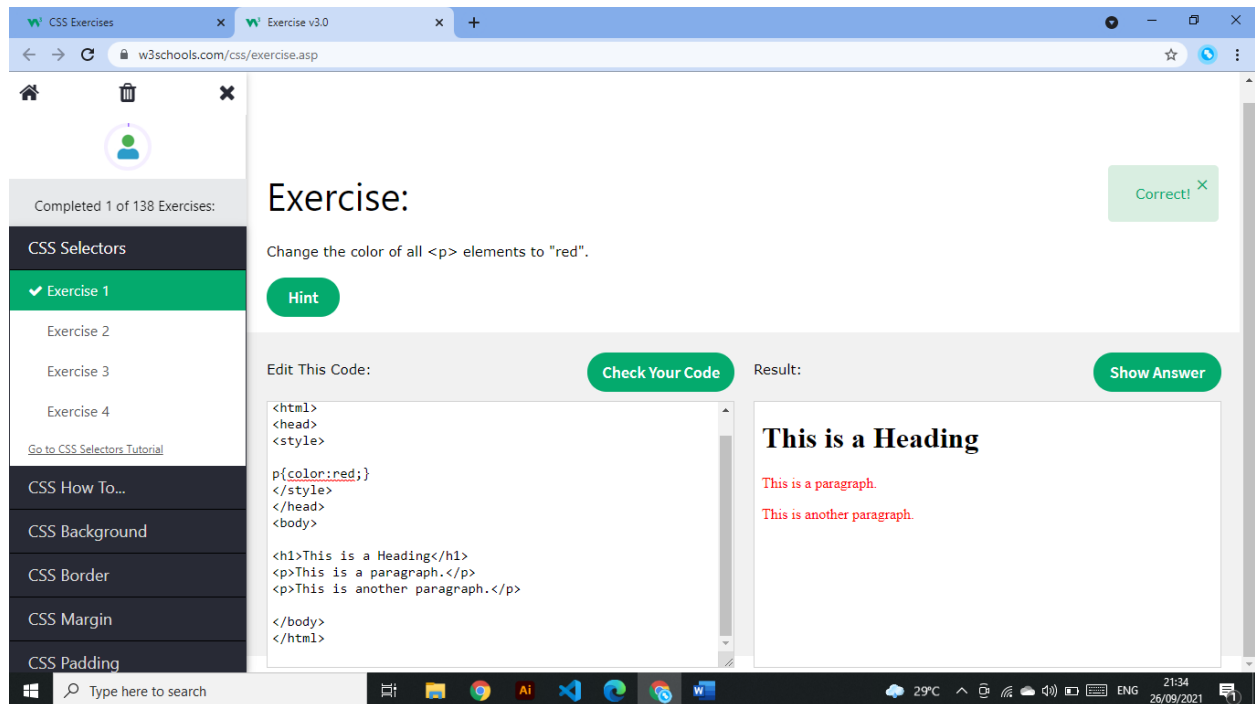
3. Inline CSS

Penempatan CSS ditempatkan langsung di dalam konten HTML. Inline CSS hanya akan memengaruhi satu bagian baris kode.

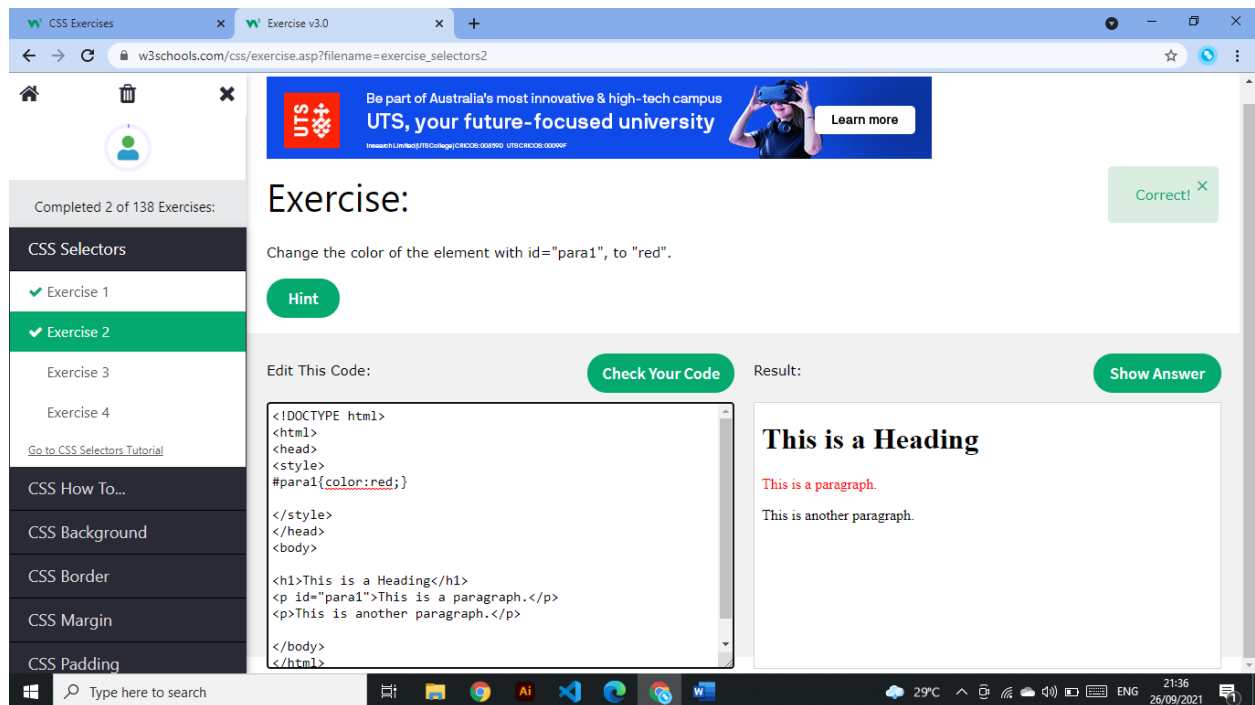
```
<h1 style = "font-size: 30 px; color: blue; "> Cek Berita Utama! </h1>
```

Latihan CSS di W3School

1. Selector



Gambar 1. Latihan 1



Gambar 2. Latihan 2

2. How To...

The screenshot shows the w3schools CSS Exercises interface. The browser tabs include 'CSS Exercises', 'Exercise v3.0', and 'universitas southampton - Pany...'. The address bar shows the URL 'w3schools.com/css/exercise.asp?filename=exercise_howto1'. On the left sidebar, 'Exercise 1' is selected under the 'CSS How To...' category. The main content area displays the exercise title 'Exercise:', a description 'Add an external style sheet with the URL: "mystyle.css".', and a hint 'Hint: Add a <link> element in <head>. The <link> element should have "rel" and "href" attributes.' Below this, there is a code editor with the following HTML code:

```
<!DOCTYPE html>
<html>
<head>
<link rel="stylesheet" href="mystyle.css">
</head>
<body>

<h1>This is a Heading</h1>
<p>This is a paragraph.</p>
<p>This is another paragraph.</p>

</body>
</html>
```

To the right of the code editor is a preview window showing the rendered result: a blue background with a heading 'This is a Heading' and two paragraphs. A green 'Correct!' message is visible in the top right corner. The Windows taskbar at the bottom shows the time as 21:54 on 26/09/2021.

Gambar 3. Latihan 3

The screenshot shows the w3schools CSS Exercises interface for Exercise 2. The browser tabs include 'CSS Exercises', 'Exercise v3.0', and 'universitas southampton - Pany...'. The address bar shows the URL 'w3schools.com/css/exercise.asp?filename=exercise_howto2'. On the left sidebar, 'Exercise 2' is selected under the 'CSS How To...' category. The main content area displays the exercise title 'Exercise:', a description 'Set "background-color: linen" for the page, using an internal style sheet.', and a hint 'Hint: Add a <style> element in <head>. Use the body element selector.' Below this, there is a code editor with the following HTML code:

```
<!DOCTYPE html>
<html>
<head>
<style>
body {
background-color:linen;}
</style>
</head>
<body>

<h1>This is a Heading</h1>
<p>This is a paragraph.</p>
<p>This is another paragraph.</p>

</body>
</html>
```

To the right of the code editor is a preview window showing the rendered result: a light orange background with a heading 'This is a Heading' and two paragraphs. A green 'Correct!' message is visible in the top right corner. The Windows taskbar at the bottom shows the time as 21:57 on 26/09/2021.

Gambar 4. Latihan 4

3. Font

The screenshot shows the w3schools CSS exercise interface for 'Exercise: Font'. The browser tabs include 'CSS Exercises', 'Exercise v3.0', and 'universitas southampton - Panyil'. The URL is 'w3schools.com/css/exercise.asp?filename=exercise_font1'. A sidebar on the left lists completed exercises: 'CSS Height/Width', 'CSS Box Model', 'CSS Outline', 'CSS Text', 'CSS Font', and 'Exercise 1' (which is selected). The main content area displays the exercise title 'Exercise:' and the instruction: 'Set the font family for the page to "Courier New", and the font family for <h1> to "Verdana".' A 'Hint' button is visible. Below the instruction, there is a code editor with the following HTML and CSS code:

```
<!DOCTYPE html>
<html>
<head>
<style>

body{font-family:"Courier New";}
h1 {font-family: Verdana;}
</style>
</head>
<body>

<h1>This is a Heading</h1>
<p>This is a paragraph.</p>
<p>This is another paragraph.</p>

</body>
```

Buttons for 'Check Your Code' and 'Show Answer' are present. The 'Result' preview shows the rendered output: 'This is a Heading' in a large, bold, serif font, followed by two paragraphs of text in a smaller, monospace font. A 'Correct!' message is displayed in the top right corner.

Gambar 5. Latihan 5

4. Padding

The screenshot shows the w3schools CSS exercise interface for 'Exercise: Padding'. The browser tabs include 'Exercise v3.0' and 'paper background - Google Pen'. The URL is 'w3schools.com/css/exercise.asp?filename=exercise_padding1'. A sidebar on the left lists completed exercises: 'CSS Selectors', 'CSS How To...', 'CSS Background', 'CSS Border', 'CSS Margin', 'CSS Padding', and 'Exercise 1' (which is selected). The main content area displays the exercise title 'Exercise:' and the instruction: 'Set the top padding of <p> to "30px".' A 'Hint' button is visible. Below the instruction, there is a code editor with the following HTML and CSS code:

```
<!DOCTYPE html>
<html>
<head>
<style>
p {
background-color: lightblue;
padding-top: 30px;
}
</style>
</head>
<body>

<h1>This is a Heading</h1>
<p>This is a paragraph.</p>
```

Buttons for 'Check Your Code' and 'Show Answer' are present. The 'Result' preview shows the rendered output: 'This is a Heading' in a large, bold, serif font, followed by a paragraph of text in a smaller, monospace font. The paragraph has a light blue background and a top padding of 30px. A 'Correct!' message is displayed in the top right corner.

Gambar 6. Latihan 6