

Cahyo Dwi Raharjo

I am an IT Instructor, software engineer, and researcher.

Experience Background



Cahyo Dwi Raharjo

14 years experience as IT
Instructor & Software
Development

Basic Javascript

DOM



DOM

- ☐ DOM introduction
- ☐ Selector
- ☐ DOM manipulation

DOM



DOM introduction



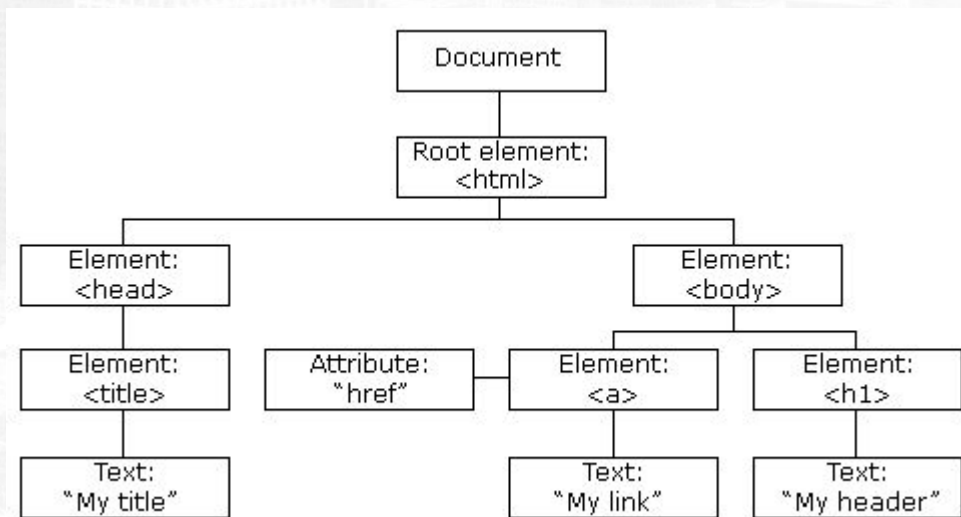
Selector



DOM manipulation

DOM

“DOM atau Document Object Model merupakan objek JavaScript spesial yang hanya ada di environment Browser. Objek ini digunakan untuk mendapatkan struktur dokumen website, bahkan memanipulasinya.”



Sample Code

```
<!DOCTYPE html>
<html>
<body>

<a name="html">HTML Tutorial</a><br>
<a name="css">CSS Tutorial</a><br>
<a name="xml">XML Tutorial</a><br>

<p>Click the button to display the innerHTML of the first anchor in the document.</p>

<button onclick="myFunction()">Try it</button>

<p id="demo"></p>

<script>
function myFunction() {
  document.getElementById("demo").innerHTML =
    document.anchors[0].innerHTML;
}
</script>

</body>
</html>
|
```

DOM



DOM introduction



Selector



DOM manipulation

Selector

Ada 3 cara untuk mencari dan menemukan element pada halaman HTML.

- Id
- Class
- Tag

Method

```
document.getElementById(id)
```

```
document.getElementsByTagName(name)
```

```
document.getElementsByClassName(name)
```


Sample Code

Ayo terapkan selector pada sebuah case di HTML

DOM



DOM introduction



Selector



DOM manipulation

DOM Manipulation

Pada dom ada beberapa manipulasi yang dapat dilakukan:

- Merubah element HTML
- Menambah dan menghapus element
- Menambah Event
- Find object element

Merubah element HTML

Property	Description
<code>element.innerHTML = new html content</code>	Change the inner HTML of an element
<code>element.attribute = new value</code>	Change the attribute value of an HTML element
<code>element.style.property = new style</code>	Change the style of an HTML element
Method	Description
<code>element.setAttribute(attribute, value)</code>	Change the attribute value of an HTML element

Menambah dan menghapus element

Method	Description
<code>document.createElement(<i>element</i>)</code>	Create an HTML element
<code>document.removeChild(<i>element</i>)</code>	Remove an HTML element
<code>document.appendChild(<i>element</i>)</code>	Add an HTML element
<code>document.replaceChild(<i>new</i>, <i>old</i>)</code>	Replace an HTML element
<code>document.write(<i>text</i>)</code>	Write into the HTML output stream

Menambah Event

Method	Description
<code>document.getElementById(id).onclick = function(){code}</code>	Adding event handler code to an onclick event

Find object element

Property	Description	DOM
document.anchors	Returns all <a> elements that have a name attribute	1
document.applets	Deprecated	1
document.baseURI	Returns the absolute base URI of the document	3
document.body	Returns the <body> element	1
document.cookie	Returns the document's cookie	1
document.doctype	Returns the document's doctype	3
document.documentElement	Returns the <html> element	3
document.documentMode	Returns the mode used by the browser	3
document.documentURI	Returns the URI of the document	3
document.domain	Returns the domain name of the document server	1
document.domConfig	Obsolete.	3
document.embeds	Returns all <embed> elements	3
document.forms	Returns all <form> elements	1
document.head	Returns the <head> element	3
document.images	Returns all elements	1
document.implementation	Returns the DOM implementation	3
document.inputEncoding	Returns the document's encoding (character set)	3

Find object element

document.implementation	Returns the DOM implementation	3
document.inputEncoding	Returns the document's encoding (character set)	3
document.lastModified	Returns the date and time the document was updated	3
document.links	Returns all <area> and <a> elements that have a href attribute	1
document.readyState	Returns the (loading) status of the document	3
document.referrer	Returns the URI of the referrer (the linking document)	1
document.scripts	Returns all <script> elements	3
document.strictErrorChecking	Returns if error checking is enforced	3
document.title	Returns the <title> element	1
document.URL	Returns the complete URL of the document	1

Sample

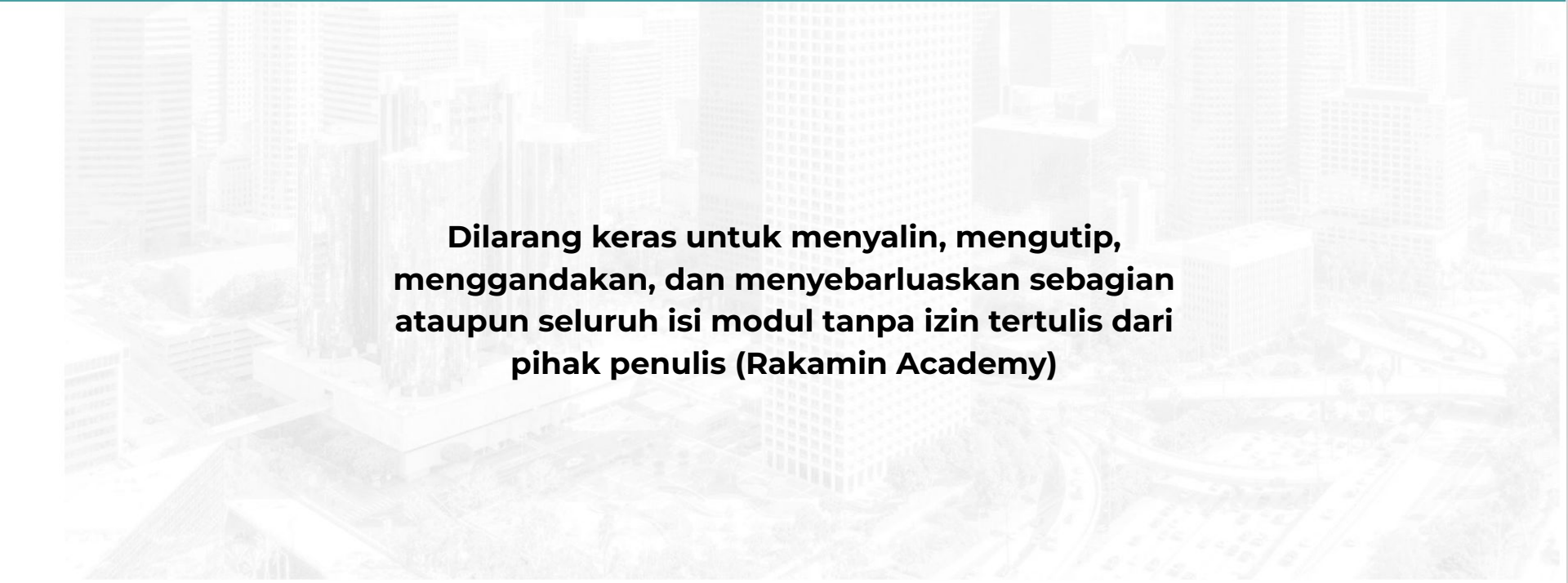
Terapkan DOM pada Javascript basic dan CSS dan HTML fundamental yang telah teman teman pelajari

Reference material

https://www.w3schools.com/js/js_htmlDOM.asp

Terima kasih!

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A faded, grayscale background image of a city skyline with various skyscrapers and buildings.

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menggandakan, dan menyebarkan sebagian
ataupun seluruh isi modul tanpa izin tertulis dari
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