TUGAS PELATIHAN CODE JAVASCRIPT (JQueri Dan lain-lain) PADA W3SCHOOL

Disusun oleh:

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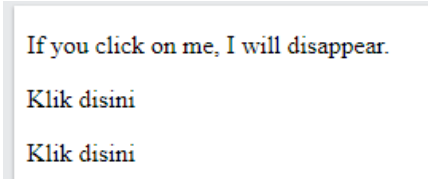
KAMDA SERANG

2021

1. JQuery Tutorial

Run

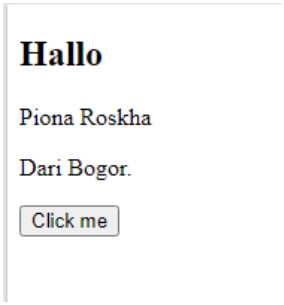
```
<!DOCTYPE html>
<html>
<head>
<script src="https://ajax.googleapis.com/ajax/libs/jquery/3.5.1/jquery.min.js">
</script>
<script>
$(document).ready(function(){
  $("p").click(function(){
    $(this).hide();
  });
});
</script>
</head>
<body>

<p>If you click on me, I will disappear.</p>
<p>Klik disini</p>
<p>Klik disini</p>

</body>
</html>
```



2. JQuery Get Started

Run

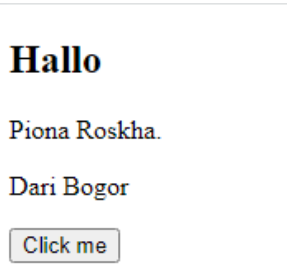
```
<!DOCTYPE html>
<html>
<head>
<script src="https://ajax.googleapis.com/ajax/libs/jquery/3.5.1/jquery.min.js">
</script>
<script>
$(document).ready(function(){
  $("button").click(function(){
    $("p").hide();
  });
});
</script>
</head>
<body>

<h2>Hallo</h2>

<p>Piona Roskha</p>
<p>Dari Bogor.</p>

<button>Click me</button>

</body>
</html>
```



3. JQuery Selectors

Run ›

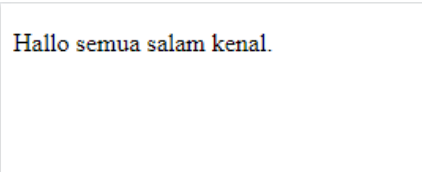
```
<!DOCTYPE html>
<html>
<head>
<script src="https://ajax.googleapis.com/ajax/libs/jquery/3.5.1/jquery.min.js">
</script>
<script>
$(document).ready(function(){
  $("button").click(function(){
    $("#test").hide();
  });
});
</script>
</head>
<body>

<h2>Hallo</h2>

<p>Piona Roskha.</p>
<p id="test">Dari Bogor</p>

<button>Click me</button>

</body>
</html>
```



4. JQuery Event Method

Run ›

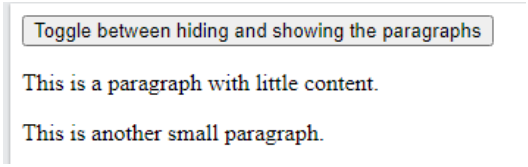
```
<head>
<script
src="https://ajax.googleapis.com/ajax/libs/jquery/3.5.1/jquery.min.js">
</script>
<script>
$(document).ready(function(){
  $("p").on({
    mouseenter: function(){
      $(this).css("background-color", "lightgray");
    },
    mouseleave: function(){
      $(this).css("background-color", "lightblue");
    },
    click: function(){
      $(this).css("background-color", "yellow");
    }
  });
});
</script>
</head>
<body>

<p>Hallo semua salam kenal.</p>

</body>
</html>
```



5. JQuery Effects

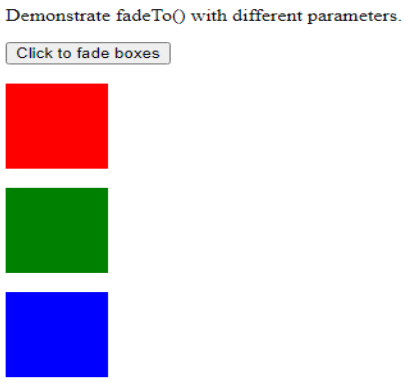
Run ›

```
<!DOCTYPE html>
<html>
<head>
<script src="https://ajax.googleapis.com/ajax/libs/jquery/3.5.1/jquery.min.js">
</script>
<script>
$(document).ready(function(){
  $("button").click(function(){
    $("p").toggle();
  });
});
</script>
</head>
<body>

<button>Toggle between hiding and showing the paragraphs</button>

<p>This is a paragraph with little content.</p>
<p>This is another small paragraph.</p>

</body>
</html>
```



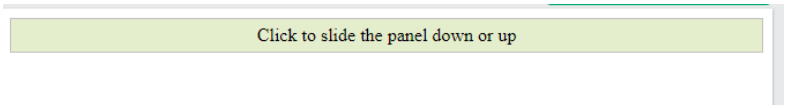
Run ›

```
<html>
<head>
<script
src="https://ajax.googleapis.com/ajax/libs/jquery/3.5.1/jquery.min.js">
</script>
<script>
$(document).ready(function(){
  $("button").click(function(){
    $("#div1").fadeTo("slow", 0.15);
    $("#div2").fadeTo("slow", 0.4);
    $("#div3").fadeTo("slow", 0.7);
  });
});
</script>
</head>
<body>

<p>Demonstrate fadeTo() with different parameters.</p>

<button>Click to fade boxes</button><br><br>

<div id="div1" style="width:80px;height:80px;background-color:red;"></div>
<br>
<div id="div2" style="width:80px;height:80px;background-color:green;"></div>
<br>
<div id="div3" style="width:80px;height:80px;background-color:blue;"></div>

</body>
```



Run

```
<!DOCTYPE html>
<html>
<head>
<script
src="https://ajax.googleapis.com/ajax/libs/jquery/3.5.1/jquery.min.js">
</script>
<script>
$(document).ready(function(){
  $("#flip").click(function(){
    $("#panel").slideToggle("slow");
  });
});
</script>
<style>
#panel, #flip {
  padding: 5px;
  text-align: center;
  background-color: #e5eecc;
  border: solid 1px #c3c3c3;
}

#panel {
  padding: 50px;
  display: none;
}
</style>
</head>
```



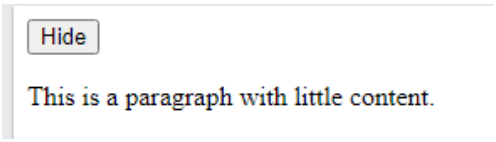
Run

```
src="https://ajax.googleapis.com/ajax/libs/jquery/3.5.1/jquery.min.js">
</script>
<script>
$(document).ready(function(){
  $("#flip").click(function(){
    $("#panel").slideDown(5000);
  });
  $("#stop").click(function(){
    $("#panel").stop();
  });
});
</script>
<style>
#panel, #flip {
  padding: 5px;
  font-size: 18px;
  text-align: center;
  background-color: #555;
  color: white;
  border: solid 1px #666;
  border-radius: 3px;
}

#panel {
  padding: 50px;
  display: none;
}
```

6. JQuery Callback Function

Run ›

```
<!DOCTYPE html>
<html>
<head>
<script src="https://ajax.googleapis.com/ajax/libs/jquery/3.5.1/jquery.min.js">
</script>
<script>
$(document).ready(function(){
  $("button").click(function(){
    $("p").hide(1000);
    alert("The paragraph is now hidden");
  });
});
</script>
</head>
<body>

<button>Hide</button>

<p>This is a paragraph with little content.</p>

</body>
</html>
```

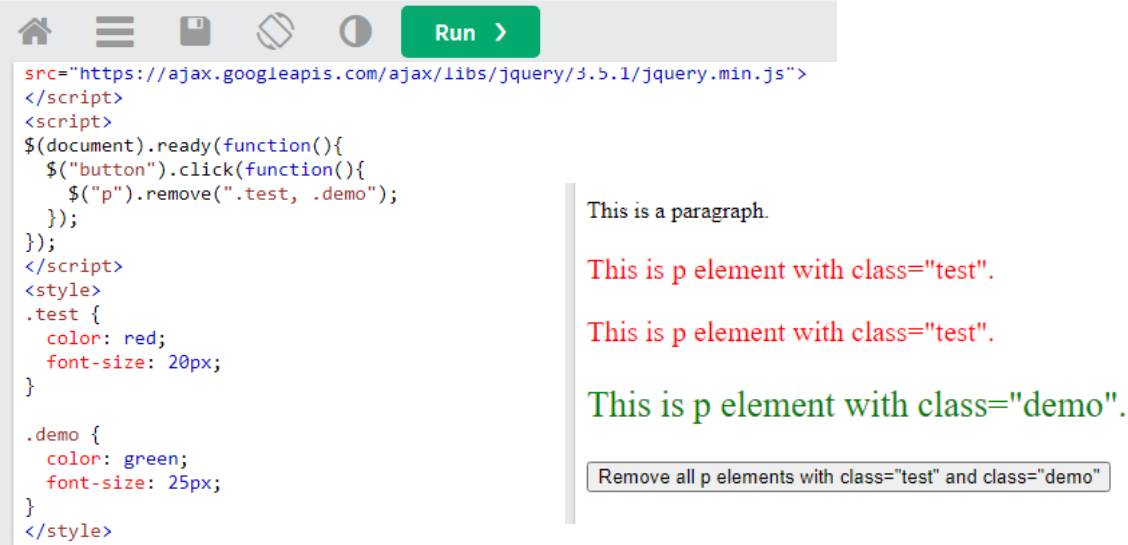


7. JQuery Add Element

Run ›

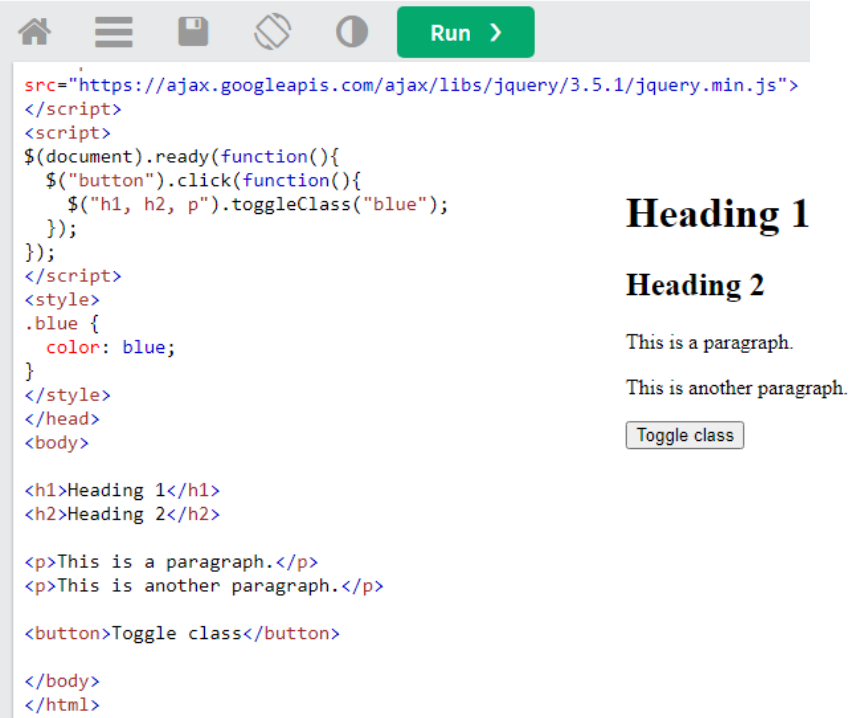
```
<!DOCTYPE html>
<html>
<head>
<script src="https://ajax.googleapis.com/ajax/libs/jquery/3.5.1/jquery.min.js">
</script>
<script>
function afterText() {
  var txt1 = "<b>I </b>";           // Create element with HTML
  var txt2 = $("<i></i>").text("love ");  // Create with jQuery
  var txt3 = document.createElement("b");   // Create with DOM
  txt3.innerHTML = "jQuery!";
  $("img").after(txt1, txt2, txt3);    // Insert new elements after img
}
</script>
</head>
<body>

<img src="/images/w3jquery.gif" alt="jQuery" width="100" height="140">

<p>Click the button to insert text after the image.</p>

<button onclick="afterText()">Insert after</button>

</body>
</html>
```

8. JQuery Remove Elements



```
src="https://ajax.googleapis.com/ajax/libs/jquery/3.5.1/jquery.min.js">
</script>
<script>
$(document).ready(function(){
  $("button").click(function(){
    $("p").remove(".test, .demo");
  });
});
</script>
<style>
.test {
  color: red;
  font-size: 20px;
}

.demo {
  color: green;
  font-size: 25px;
}
</style>
</head>
<body>

<p>This is a paragraph.</p>
<p class="test">This is p element with class="test".</p>
<p class="test">This is p element with class="test".</p>
<p class="demo">This is p element with class="demo".</p>
```

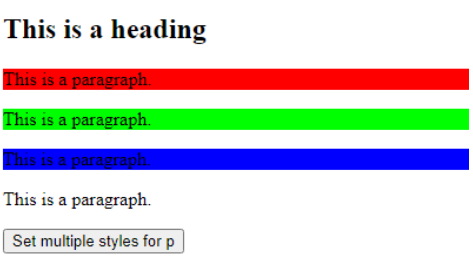

9. JQuery Get and Set CSS Classes



```
src="https://ajax.googleapis.com/ajax/libs/jquery/3.5.1/jquery.min.js">
</script>
<script>
$(document).ready(function(){
  $("button").click(function(){
    $("h1, h2, p").toggleClass("blue");
  });
});
</script>
<style>
.blue {
  color: blue;
}
</style>
</head>
<body>

<h1>Heading 1</h1>
<h2>Heading 2</h2>

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

<button>Toggle class</button>

</body>
</html>
```

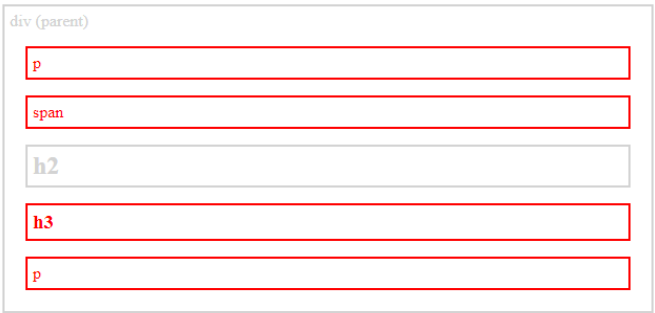
10. JQuery CSS () Method

```
<!DOCTYPE html>
<html>
<head>
<script
src="https://ajax.googleapis.com/ajax/libs/jquery/3.5.1/jquery.min.js">
</script>
<script>
$(document).ready(function(){
  $("button").click(function(){
    $("p").css({"background-color": "yellow", "font-size": "200%"});
  });
});
</script>
</head>
<body>

<h2>This is a heading</h2>

<p style="background-color:#ff0000">This is a paragraph.</p>
<p style="background-color:#00ff00">This is a paragraph.</p>
<p style="background-color:#0000ff">This is a paragraph.</p>

<p>This is a paragraph.</p>

<button>Set multiple styles for p</button>

</body>
</html>
```



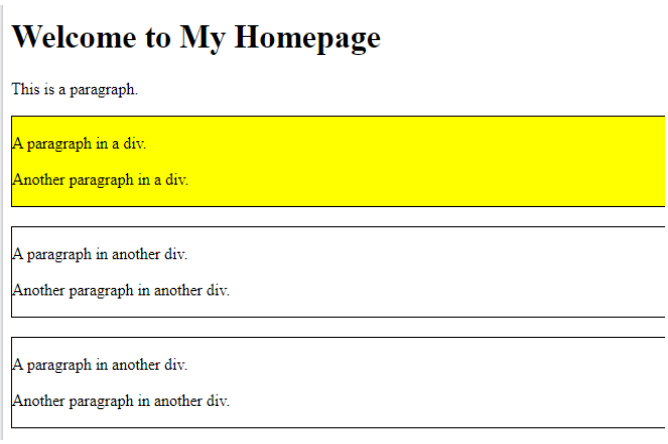
11. JQuery Traversing Siblings

```
<style>
.siblings * {
  display: block;
  border: 2px solid lightgrey;
  color: lightgrey;
  padding: 5px;
  margin: 15px;
}
</style>
<script
src="https://ajax.googleapis.com/ajax/libs/jquery/3.5.1/jquery.min.js">
</script>
<script>
$(document).ready(function(){
  $("h2").siblings().css({"color": "red", "border": "2px solid red"});
});
</script>
</head>
<body class="siblings">

<div>div (parent)
  <p>p</p>
  <span>span</span>
  <h2>h2</h2>
  <h3>h3</h3>
  <p>p</p>
</div>
```



12. JQuery Traversing Filtering Select

```
<script
src="https://ajax.googleapis.com/ajax/libs/jquery/3.5.1/jquery.min.js">
</script>
<script>
$(document).ready(function(){
  $("div").first().css("background-color", "yellow");
});
</script>
</head>
<body>

<h1>Welcome to My Homepage</h1>

<p>This is a paragraph.</p>

<div style="border: 1px solid black;">
  <p>A paragraph in a div.</p>
  <p>Another paragraph in a div.</p>
</div>
<br>

<div style="border: 1px solid black;">
  <p>A paragraph in another div.</p>
  <p>Another paragraph in another div.</p>
</div>
<br>
```



13. JQuery AJAX Introduction

```
<!DOCTYPE html>
<html>
<head>
<script src="https://ajax.googleapis.com/ajax/libs/jquery/3.5.1/jquery.min.js">
</script>
<script>
$(document).ready(function(){
  $("button").click(function(){
    $("#div1").load("demo_test.txt");
  });
});
</script>
</head>
<body>

<div id="div1"><h2>Let jQuery AJAX Change This Text</h2></div>

<button>Get External Content</button>

</body>
</html>
```

Run ›

```
<!DOCTYPE html>
<html>
<head>
<script src="https://ajax.googleapis.com/ajax/libs/jquery/3.5.1/jquery.min.js">
</script>
<script>
$(document).ready(function(){
  $("button").click(function(){
    $("#div1").load("demo_test.txt");
  });
});
</script>
</head>
<body>

<div id="div1"><h2>Let jQuery AJAX Change This Text</h2></div>

<button>Get External Content</button>

</body>
</html>
```

Let jQuery AJAX Change This Text

Get External Content

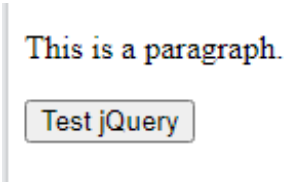
Run ›

```
<!DOCTYPE html>
<html>
<head>
<script src="https://ajax.googleapis.com/ajax/libs/jquery/3.5.1/jquery.min.js">
</script>
<script>
$(document).ready(function(){
  $("button").click(function(){
    $.get("demo_test.asp", function(data, status){
      alert("Data: " + data + "\nStatus: " + status);
    });
  });
});
</script>
</head>
<body>

<button>Send an HTTP GET request to a page and get the result back</button>

</body>
</html>
```

Send an HTTP GET request to a page and get the result back

14. JQuery The nonConflict () Method

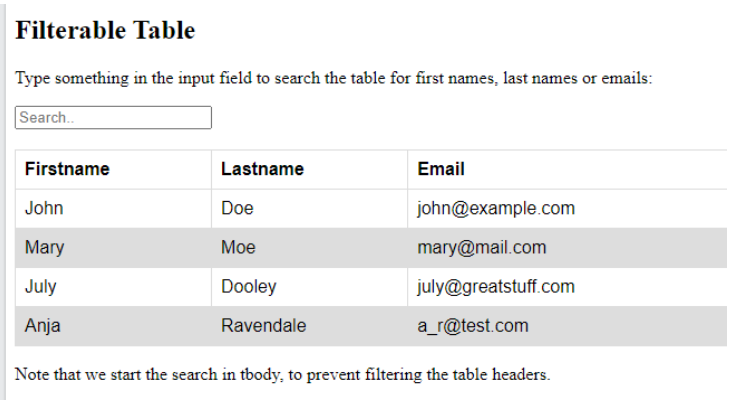
```
<!DOCTYPE html>
<html>
<head>
<script src="https://ajax.googleapis.com/ajax/libs/jquery/3.5.1/jquery.min.js">
</script>
<script>
$.noConflict();
jQuery(document).ready(function(){
  jQuery("button").click(function(){
    jQuery("p").text("jQuery is still working!");
  });
});
</script>
</head>
<body>

<p>This is a paragraph.</p>
<button>Test jQuery</button>

</body>
</html>
```



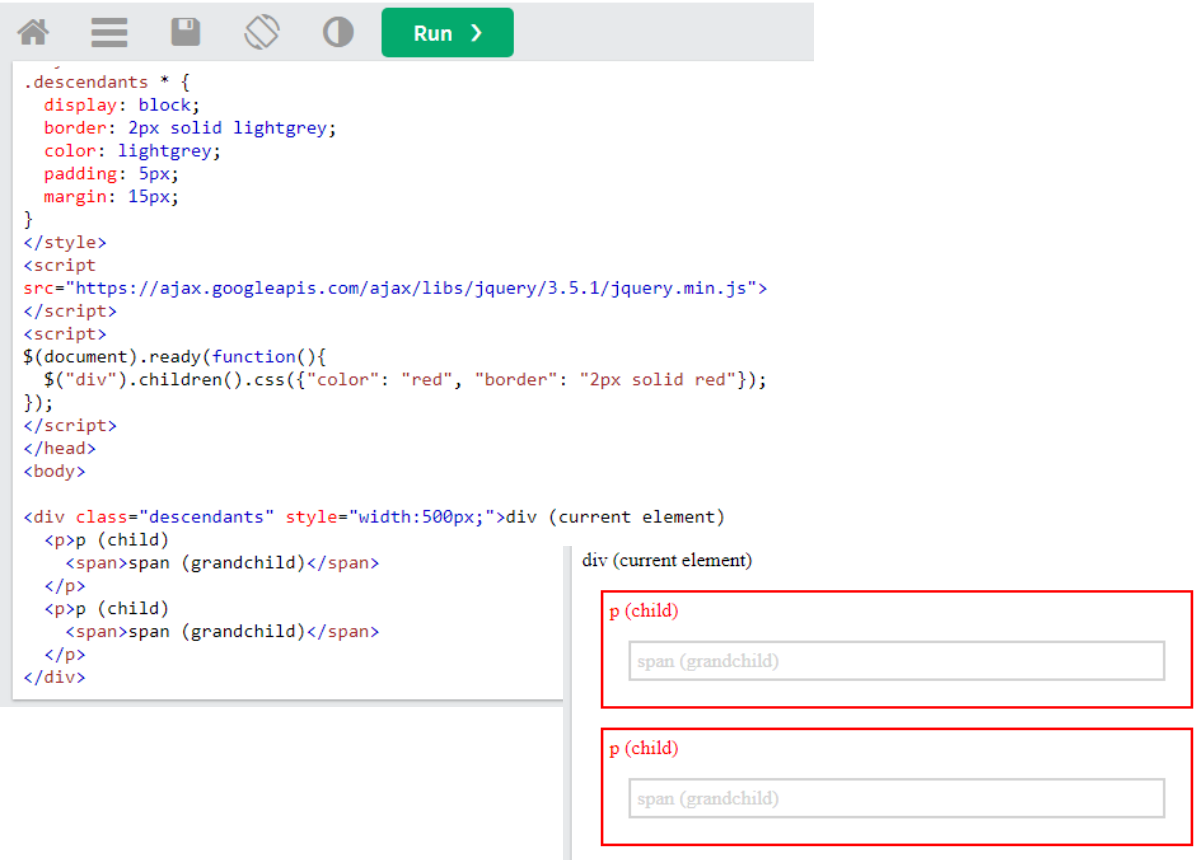
15. JQuery Filters

```
<!DOCTYPE html>
<html>
<head>
<script
src="https://ajax.googleapis.com/ajax/libs/jquery/3.5.1/jquery.min.js">
</script>
<script>
$(document).ready(function(){
  $("#myInput").on("keyup", function() {
    var value = $(this).val().toLowerCase();
    $("#myTable tr").filter(function() {
      $(this).toggle($(this).text().toLowerCase().indexOf(value) > -1)
    });
  });
});
</script>
<style>
table {
  font-family: arial, sans-serif;
  border-collapse: collapse;
  width: 100%;
}

td, th {
  border: 1px solid #dddddd;
  text-align: left;
  padding: 8px;
```

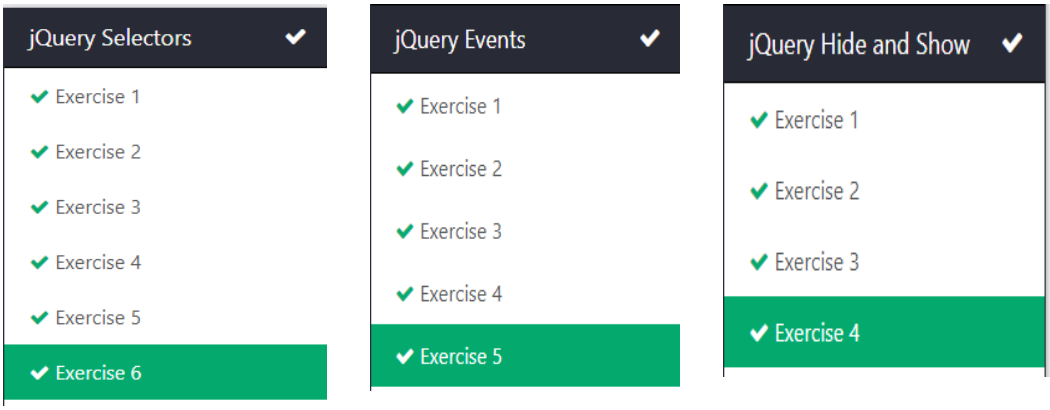
javascript:void(0)

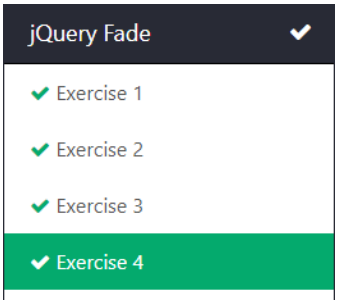


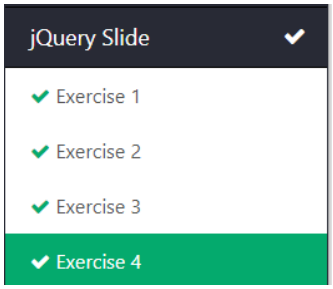
16. JQuery Traversing Descendants



EXERCISE



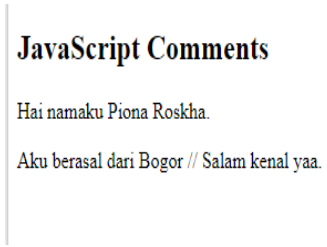

jQuery Fade
Exercise 1
Exercise 2
Exercise 3
Exercise 4


jQuery Slide
Exercise 1
Exercise 2
Exercise 3
Exercise 4

JAVASCRIPT (lain-lain)

1. Javascript Comments

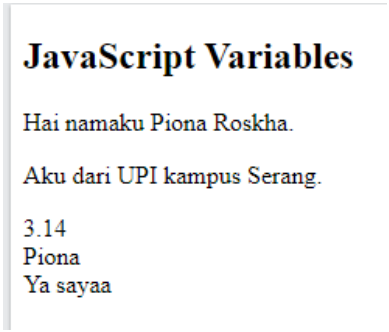
```
<!DOCTYPE html>
<html>
<body>

<h2>JavaScript Comments</h2>

<h1 id="myH"></h1>

<p id="myP"></p>

<script>
//document.getElementById("myH").innerHTML = "My First Page";
document.getElementById("myP").innerHTML = "Hai namaku Piona Roskha.";
</script>

<p>Aku berasal dari Bogor // Salam kenal yaa.</p>

</body>
</html>
```



2. Javascript Variables

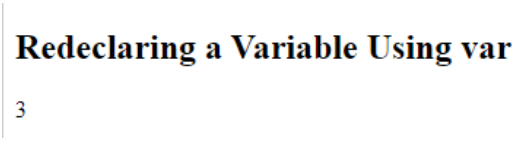
```
<!DOCTYPE html>
<html>
<body>

<h2>JavaScript Variables</h2>

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

<script>
var price1 = 5;
var price2 = 6;
var price3 = 4;
var total = price1 + price2 + price3;
document.getElementById("demo").innerHTML =
"Totalnya adalah: " + total;
</script>

</body>
</html>
```

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

<h2>JavaScript Variables</h2>

<p>Hai namaku Piona Roskha.</p>
<p>Aku dari UPI kampus Serang.</p>

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

<script>
var pi = 3.14;
var person = "Piona";
var answer = 'Ya sayaa';

document.getElementById("demo").innerHTML =
pi + "<br>" + person + "<br>" + answer;
</script>

</body>
</html>
```



3. Javascript Let

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

<h2>Redeclaring a Variable Using var</h2>

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

<script>
var  x = 10;
// Here x is 10

{
var x = 3;
// Here x is 2
}

// Here x is 2
document.getElementById("demo").innerHTML = x;
</script>

</body>
</html>
```



4. Javascript Aritmethic

Run

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

<h2>JavaScript Arithmetic</h2>
<h3>Bilangan ** Bilangan</h3>

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

<script>
let x = 10;
document.getElementById("demo").innerHTML = x ** 2;
</script>

</body>
</html>
```

JavaScript Arithmetic

Bilangan ** Bilangan

100

5. Javascript Assignment

Run

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

<h2>JavaScript Assignments</h2>
<h3>Bilangan %= Bilangan</h3>

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

<script>
let x = 8;
x %= 4;
document.getElementById("demo").innerHTML = x;
</script>

</body>
</html>
```

JavaScript Assignments

Bilangan %= Bilangan

0

6. Javascript Data Types

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

<h2>JavaScript Objects</h2>

<p id="pio"></p>

<script>
const person = {
  firstName : "Piona",
  lastName  : "Roskha",
  age       : 19,
  eyeColor  : "brown"
};

document.getElementById("pio").innerHTML =
person.firstName + " berumur " + person.age + " tahun.";
</script>

</body>
</html>
```

JavaScript Objects

Piona berumur 19 tahun.

7. Javascript Functoins

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

<h2>JavaScript Functions</h2>

<p>Disini kita belajar mengenai Function javascript:</p>

<p id="pio"></p>

<script>
var x = myFunction(6, 2);
document.getElementById("pio").innerHTML = x;

function myFunction(a, b) {
  return a * b;
}
</script>

</body>
</html>
```

JavaScript Functions

Disini kita belajar mengenai Function javascript:

12

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

<h2>JavaScript Functions</h2>

<p id="pio"></p>

<script>
document.getElementById("pio").innerHTML =
"The temperature is " + toCelsius(77) + " Celsius";

function toCelsius(fahrenheit) {
  return (5/9) * (fahrenheit-32);
}
</script>

</body>
</html>
```

JavaScript Functions

The temperature is 25 Celsius

8. Javascript Objects

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

<h2>JavaScript Objects</h2>
<p>An object method is a function definition, stored as a property value.</p>

<p id="pio"></p>

<script>
// Create an object:
const person = {
  firstName: "Piona",
  lastName: "Roskha",
  id: 5566,
  fullName: function() {
    return this.firstName + " " + this.lastName;
  }
};

// Display data from the object:
document.getElementById("pio").innerHTML = person.fullName();
</script>

</body>
</html>
```

JavaScript Objects

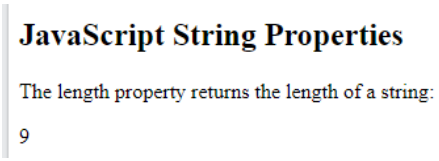
An object method is a function definition, stored as a property value.

Piona Roskha

9. Javascript Strings

Run ›

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

<h2>JavaScript String Properties</h2>

<p>The length property returns the length of a string:</p>

<p id="pio"></p>

<script>
let text = "ABCDEFGHI";
document.getElementById("pio").innerHTML = text.length;
</script>

</body>
</html>
```



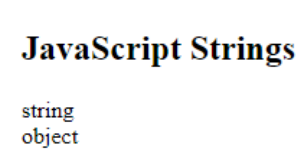
JavaScript String Properties

The length property returns the length of a string:

9

Run ›

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

<h2>JavaScript Strings</h2>

<p id="pio"></p>

<script>
let x = "John";         // x is a string
let y = new String("John");  // y is an object

document.getElementById("pio").innerHTML =
typeof x + "<br>" + typeof y;
</script>

</body>
</html>
```



JavaScript Strings

string
object

10. Javascript Tempaltes Literals

Run ›

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

<h2>JavaScript Template Literals</h2>

<p>With back-ticks, you can use both single and double quotes inside a string:
</p>

<p id="pio"></p>

<p>Template literals are not supported in Internet Explorer.</p>

<script>
let text = `He's often called "Pion"`;
document.getElementById("pio").innerHTML = text;
</script>

</body>
</html>
```

JavaScript Template Literals

With back-ticks, you can use both single and double quotes inside a string:

He's often called "Pion"

Template literals are not supported in Internet Explorer.

Run ›

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

<h2>JavaScript Template Literals</h2>

<p>Template literals allows variables in strings:</p>

<p id="pio"></p>

<p>Template literals are not supported in Internet Explorer.</p>

<script>
let header = "Templates Literals";
let tags = ["template literals", "javascript", "es6"];

let html = `<h2>${header}</h2><ul>`;

for (const x of tags) {
  html += `<li>${x}</li>`;
}

html += `</ul>`;
document.getElementById("pio").innerHTML = html;
</script>

</body>
</html>
```

JavaScript Template Literals

Template literals allows variables in strings:

Templates Literals

- template literals
- javascript
- es6

Template literals are not supported in Internet Explorer.

11. Javascript Number Methods


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

<h2>JavaScript Number Methods</h2>

<p>The toFixed() method rounds a number to a given number of digits.</p>
<p>For working with money, toFixed(2) is perfect.</p>

<p id="pio"></p>

<script>
let x = 9.656;
document.getElementById("pio").innerHTML =
  x.toFixed(0) + "<br>" +
  x.toFixed(2) + "<br>" +
  x.toFixed(4) + "<br>" +
  x.toFixed(6);
</script>

</body>
</html>
```

JavaScript Number Methods

The toFixed() method rounds a number to a given number of digits.

For working with money, toFixed(2) is perfect.

10
9.66
9.6560
9.656000

12. Javascript Array Methods

Run ›

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

<h2>JavaScript Array Methods</h2>
<h2>pop()</h2>
<p>The pop() method removes the last element from an array.</p>

<p id="demo1"></p>
<p id="demo2"></p>

<script>
const fruits = ["Banana", "Orange", "Apple", "Mango"];
document.getElementById("demo1").innerHTML = fruits;
fruits.pop();
document.getElementById("demo2").innerHTML = fruits;
</script>

</body>
</html>
```

JavaScript Array Methods

pop()

The pop() method removes the last element from an array.

Banana,Orange,Apple,Mango

Banana,Orange,Apple

Run ›

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

<h2>JavaScript Array Methods</h2>
<h2>push()</h2>
<p>The push() method appends a new element to an array.</p>

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

<script>
const fruits = ["Banana", "Orange", "Apple", "Mango"];
document.getElementById("demo").innerHTML = fruits;

function myFunction() {
  fruits.push("Kiwi");
  document.getElementById("demo").innerHTML = fruits;
}
</script>

</body>
</html>
```

JavaScript Array Methods

push()

The push() method appends a new element to an array.

Try it

Banana,Orange,Apple,Mango

Run ›

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

<h2>JavaScript Array Methods</h2>
<p>Array elements are accessed using their index number:</p>

<p id="demo1"></p>
<p id="demo2"></p>

<script>
const fruits = ["Banana", "Orange", "Apple", "Mango"];
document.getElementById("demo1").innerHTML = fruits;
fruits[0] = "Kiwi";
document.getElementById("demo2").innerHTML = fruits;
</script>

</body>
</html>
```

JavaScript Array Methods

Array elements are accessed using their index number:

Banana,Orange,Apple,Mango

Kiwi,Orange,Apple,Mango

13. Javascript Booleans

Run ›

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

<h2>JavaScript Booleas</h2>
<p id="pio"></p>

<script>
document.getElementById("pio").innerHTML =
"100 is " + Boolean(100) + "<br>" +
"3.14 is " + Boolean(3.14) + "<br>" +
"-15 is " + Boolean(-15) + "<br>" +
"Any (not empty) string is " + Boolean("Hello") + "<br>" +
"Even the string 'false' is " + Boolean('false') + "<br>" +
"Any expression (except zero) is " + Boolean(1 + 7 + 3.14);
</script>

</body>
</html>
```

JavaScript Booleas

100 is true
3.14 is true
-15 is true
Any (not empty) string is true
Even the string 'false' is true
Any expression (except zero) is true

Run ›

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

<h2>JavaScript Booleans</h2>
<p>Never create booleans as objects.</p>
<p>Booleans and objects cannot be safely compared.</p>

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

<script>
let x = false;         // x is a boolean
let y = new Boolean(false);  // y is an object
document.getElementById("demo").innerHTML = typeof x + "<br>" + typeof y;
</script>

</body>
</html>
```

JavaScript Booleans

Never create booleans as objects.

Booleans and objects cannot be safely compared.

boolean
object

14. Javascript Switch Statement

Run ›

```
<h2>JavaScript switch</h2>

<p id="pio"></p>

<script>
let day;
switch (new Date().getDay()) {
  case 0:
    day = "Minggu";
    break;
  case 1:
    day = "Senin";
    break;
  case 2:
    day = "Selasa";
    break;
  case 3:
    day = "Rabu";
    break;
  case 4:
    day = "Kamis";
    break;
  case 5:
    day = "Jumat";
    break;
  case  6:
    day = "Sabtu";
}
```

JavaScript switch

Hari ini adalah Jumat

Run ›

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

<h2>JavaScript switch</h2>

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

<script>
let text;
switch (new Date().getDay()) {
  case 4:
  case 5:
    text = "Soon it is Weekend";
    break;
  case 0:
  case 6:
    text = "It is Weekend";
    break;
  default:
    text = "Looking forward to the Weekend";
}
document.getElementById("demo").innerHTML = text;
</script>

</body>
</html>
```

JavaScript switch

Soon it is Weekend

Run ›

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

<h2>JavaScript switch</h2>

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

<script>
let x = "0";

switch (x) {
  case 0:
    text = "Off";
    break;
  case 1:
    text = "On";
    break;
  default:
    text = "No value found";
}
document.getElementById("demo").innerHTML = text;
</script>

</body>
</html>
```

JavaScript switch

No value found

15. Javascript Break and Continue

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

<h2>JavaScript Loops</h2>

<p>A loop with a <b>break</b> statement.</p>

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

<script>
let text = "";
for (let i = 0; i < 10; i++) {
  if (i === 3) { break; }
  text += "The number is " + i + "<br>";
}

document.getElementById("demo").innerHTML = text;
</script>

</body>
</html>
```

JavaScript Loops

A loop with a **break** statement.

The number is 0
The number is 1
The number is 2

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

<h2>JavaScript Loops</h2>

<p>A loop with a <b>continue</b> statement.</p>

<p>A loop which will skip the step where i = 3.</p>

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

<script>
let text = "";
for (let i = 0; i < 10; i++) {
  if (i === 3) { continue; }
  text += "The number is " + i + "<br>";
}
document.getElementById("demo").innerHTML = text;
</script>

</body>
</html>
```

JavaScript Loops

A loop with a **continue** statement.

A loop which will skip the step where i = 3.

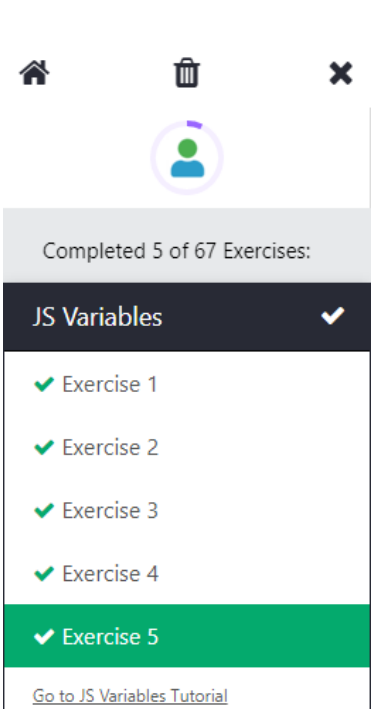
The number is 0
The number is 1
The number is 2
The number is 4
The number is 5
The number is 6
The number is 7
The number is 8
The number is 9

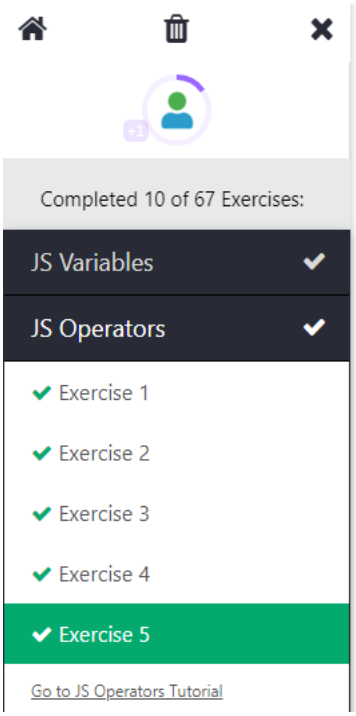
```
<!DOCTYPE html>
<html>
<body>

<h2>JavaScript break</h2>

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

<script>
const cars = ["BMW", "Volvo", "Saab", "Ford"];
let text = "";

list: {
  text += cars[0] + "<br>";
  text += cars[1] + "<br>";
  break list;
  text += cars[2] + "<br>";
  text += cars[3] + "<br>";
}

document.getElementById("demo").innerHTML = text;
</script>

</body>
</html>
```

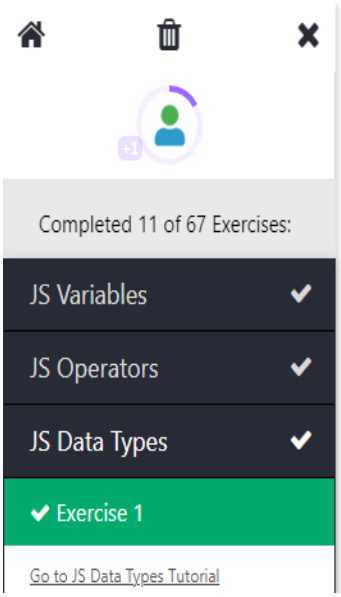
JavaScript break

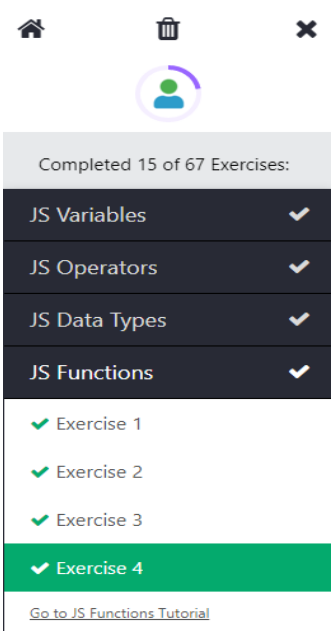
BMW
Volvo

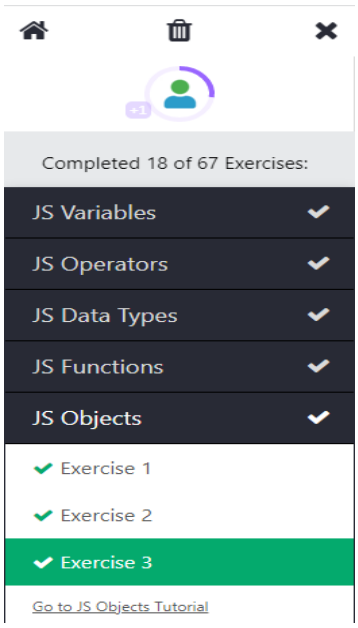
EXERCISE



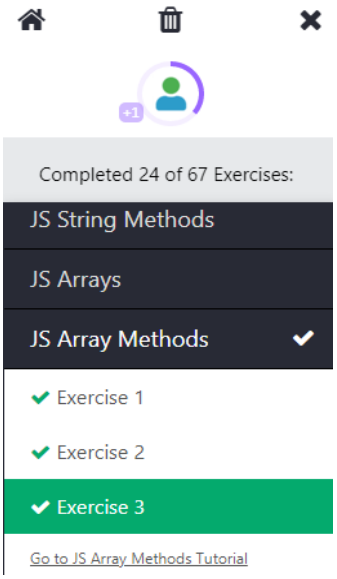


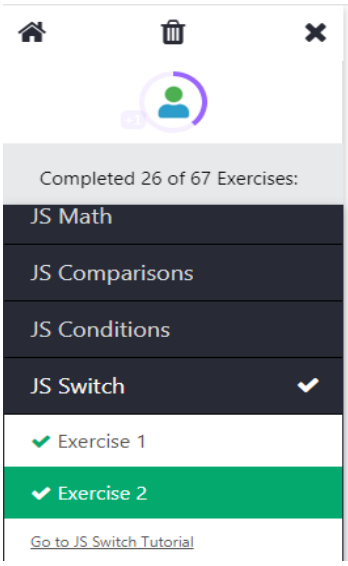


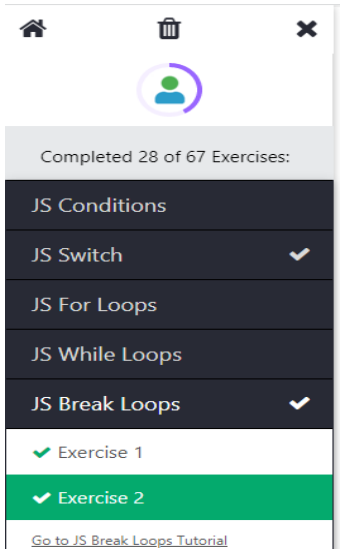

Completed 15 of 67 Exercises:
JS Variables
JS Operators
JS Data Types
JS Functions
Exercise 1
Exercise 2
Exercise 3
Exercise 4
Go to JS Functions Tutorial


Completed 18 of 67 Exercises:
JS Variables
JS Operators
JS Data Types
JS Functions
JS Objects
Exercise 1
Exercise 2
Exercise 3
Go to JS Objects Tutorial


Completed 21 of 67 Exercises:
JS Variables
JS Operators
JS Data Types
JS Functions
JS Objects
JS Events
JS Strings
Exercise 1
Exercise 2
Exercise 3


Completed 24 of 67 Exercises:
JS String Methods
JS Arrays
JS Array Methods
Exercise 1
Exercise 2
Exercise 3
Go to JS Array Methods Tutorial


Completed 26 of 67 Exercises:
JS Math
JS Comparisons
JS Conditions
JS Switch
Exercise 1
Exercise 2
Go to JS Switch Tutorial


Completed 28 of 67 Exercises:
JS Conditions
JS Switch
JS For Loops
JS While Loops
JS Break Loops
Exercise 1
Exercise 2
Go to JS Break Loops Tutorial