

# JavaScript

By Muhammad Falah 01 Maret 2013

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1. Mengenal JavaScript
  - 1.1. Hal yang harus diketahui
  - 1.2. Apa itu JavaScript
2. Sintak JavaScript
3. Peletakan JavaScript
4. Statemen JavaScript
  - 4.1. JavaScript Statemen
  - 4.2. Semicolon
  - 4.3. Code JavaScript
  - 4.4. Code Block JavaScript
  - 4.5. JavaScript case sensitive
  - 4.6. Spasi Kosong
  - 4.7. Memisah baris code
5. Komentar
  - 5.1. Komentar JavaScript
  - 5.2. Multi Line Komentar
  - 5.3. Memakai komentar mencegah eksekusi
  - 5.4. Memakai komentar di akhir baris
6. Variabel JavaScript
  - 6.1. Variabel JavaScript
  - 6.2. JavaScript Tipe Data
  - 6.3. Mendeklarasikan Variabel JavaScript

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- 6.4. Satu Statemen, Banyak Variabel
- 6.5. Value = tidak didefinisi
- 6.6. Mendeklarasikan Ulang Variabel JavaScript
- 6.7. JavaScript Aritmatika
- 7. JavaScript Tipe Data
  - 7.1. JavaScript Type Data Dinamis
  - 7.2. JavaScript Strings
  - 7.3. JavaScript Number
  - 7.4. JavaScript Boolean
  - 7.5. JavaScript Array
  - 7.6. JavaScript Object
  - 7.7. Tidak didefinisikan dan Null
  - 7.8. Mendeklarasikan Jenis Variabel
- 8. JavaScript Object
  - 8.1. Object dalam JavaScript
  - 8.2. Membuat JavaScript Object
  - 8.3. Mengakses Object Properties
  - 8.4. Mengakses Object Method
- 9. JavaScript Function
  - 9.1. Sintak JavaScript Function
  - 9.2. Memanggil Function dengan Argumen
  - 9.3. Function Dengan Nilai Kembali

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- 9.4. JavaScript Variabel Lokal
- 9.5. Global Variabel JavaScript
- 9.6. Lifetime dari Variabel JavaScript
- 9.7. Menentukan Nilai Variabel JavaScript yang tidak di declare
- 10. Operator JavaScript
  - 10.1. JavaScript Aritmatika Operator
  - 10.2. JavaScript Assignment Operator
  - 10.3. Operator + Digunakan pada String
  - 10.4. Menambahkan String dan Number
- 11. JavaScript Operator Perbandingan dan Operator Logika
  - 11.1. Operator Perbandingan
  - 11.2. Operator Logika
  - 11.3. Operator Bersyarat
- 12. JavaScript If...Else Statement
  - 12.1. If Statement
  - 12.2. If...Else Statement
  - 12.3. If...Else If...Else Statement
- 13. JavaScript Switch Statement
- 14. JavaScript For Loop
  - 14.1. For Loop
  - 14.2. For/In Loop
- 15. JavaScript While Loop

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- 15.1. While Loop
- 15.2. Do/While Loop
- 15.3. Membandingkan For dan While
- 16. JavaScript Break and Continue
  - 16.1. Break Statement
  - 16.2. Continue Statement
  - 16.3. JavaScript Label
- 17. JavaScript Errors - Throw and Try to Catch
  - 17.1. Kesalahan yang Akan Terjadi
  - 17.2. JavaScript Throws Error
  - 17.3. JavaScript try and catch
  - 17.4. Throw Statement
- 18. JavaScript Form Validation
  - 18.1. Required Field
  - 18.2. E-mail Validation
- 19. JavaScript HTML DOM
  - 19.1. HTML DOM (Document Object Model)
  - 19.2. Menemukan Elemen HTML
  - 19.3. Menemukan Elemen HTML dengan Id
  - 19.4. Menemukan Elemen HTML dengan Tag Nama
- 20. JavaScript HTML DOM - Merubah HTML
  - 20.1. Merubah HTML Output Stream

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- 20.2. Merubah HTML Content
- 20.3. Merubah HTML Attribute
- 21. JavaScript HTML DOM - Merubah CSS
  - 21.1. Merubah HTML Style
- 22. JavaScript HTML DOM Event
  - 22.1. Reaksi untuk Event
  - 22.2. HTML Event Attributes
  - 22.3. Menerapkan Event Menggunakan HTML DOM
  - 22.4. onload dan onunload Event
  - 22.5. onchange Event
  - 22.6. onmouseover dan onmouseout Event
  - 22.7. onmousedown, onmouseup dan onclick Event
- 23. JavaScript HTML DOM Element (Node)
  - 23.1. Membuat HTML Element Baru
  - 23.2. Penjelasan Contoh Membuat HTML Element Baru
  - 23.3. Menghapus HTML Element Yang Ada
  - 23.4. Penjelasan Contoh Menghapus HTML Element Yang Ada
- 24. JavaScript Object
  - 24.1. Mengakses Object Properties
  - 24.2. Mengakses Object Method
  - 24.3. Membuat JavaScript Object
  - 24.4. Membuat Direct Instance

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- 24.5. Menggunakan Object Constructor
  - 24.6. Menggunakan JavaScript Object Instance
  - 24.7. Menambah Properties to JavaScript Object
  - 24.8. Menambah Method to JavaScript Object
  - 24.9. JavaScript Class
  - 24.10. JavaScript for...in Loop
25. JavaScript Number Object
- 25.1. JavaScript Number
  - 25.2. Semua JavaScript Number adalah 64-bit
  - 25.3. Precision
  - 25.4. Octal and Hexadecimal
  - 25.5. Number Properties and Method
26. JavaScript String Object
- 26.1. JavaScript String
  - 26.2. String Length
  - 26.3. Pencocokan Content
  - 26.4. Mengganti Content
  - 26.5. Upper Case dan Lower Case
  - 26.6. Mengkonversi String ke Array
  - 26.7. Karakter Khusus
  - 26.8. String Properties dan Method
27. JavaScript Date Object

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- 27.1. Membuat Date Object
- 27.2. Set Date
- 27.3. Membandingkan Dua Date

## 28. JavaScript Array Object

- 28.1. Pengertian Array
- 28.2. Membuat Array
- 28.3. Mengakses Array
- 28.4. Berbeda Object dalam satu Array
- 28.5. Berbeda Object dalam satu Array
- 28.6. Array Method dan Properties
- 28.7. Membuat Method Baru

## 29. JavaScript Boolean Object

- 29.1. Membuat Boolean Object

## 30. JavaScript Math Object

- 30.1. Math Object
- 30.2. Konstanta Matematika
- 30.3. Matematika Method

## 31. JavaScript RegExp Object

- 31.1. Pengertian RegExp
- 31.2. Sintak
- 31.3. RegExp Modifier
- 31.4. test()

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31.5. **exec()**

## 32. JavaScript Window - Browser Object Model

32.1. **Browser Object Model (BOM)**

32.2. **Window Object**

32.3. **Window Size**

32.4. **Window Method**

## 33. JavaScript Window Screen

33.1. **Window Screen Width**

33.2. **Window Screen Height**

## 34. JavaScript Window Location

34.1. **Window Location**

34.2. **Window Location Href**

34.3. **Window Location Pathname**

34.4. **Window Location Assign**

## 35. JavaScript Window History

35.1. **Window History**

35.2. **Window History Back**

35.3. **Window History Forward**

## 36. JavaScript Window Navigator

36.1. **Window Navigator**

36.2. **Deteksi Browser**

## 37. JavaScript Popup Boxes



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- 37.1. Alert Box
- 37.2. Confirm Box
- 37.3. Prompt Box
- 37.4. Line Breaks
- 38. JavaScript Timing Events
  - 38.1. setInterval() Method
  - 38.2. setTimeout() Method
- 39. JavaScript Cookies
  - 39.1. Pengertian Cookie
  - 39.2. Membuat dan Menyimpan Cookie
  - 39.3. Mendapatkan Nilai Cookie
  - 39.4. Periksa Nilai Cookie
- 40. JavaScript Libraries
  - 40.1. JavaScript Frameworks (Libraries)
  - 40.2. jQuery
  - 40.3. Prototype
  - 40.4. MooTools
  - 40.5. Frameworks lain
  - 40.6. CDN - Content Delivery Networks
  - 40.7. Menggunakan Frameworks
- 41. Kesimpulan
- 42. JavaScript Object Referensi

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## 43. HTML DOM Object Referensi

## 44. Daftar Pustaka

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