Web Design and Development Javascript

Name
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NIM
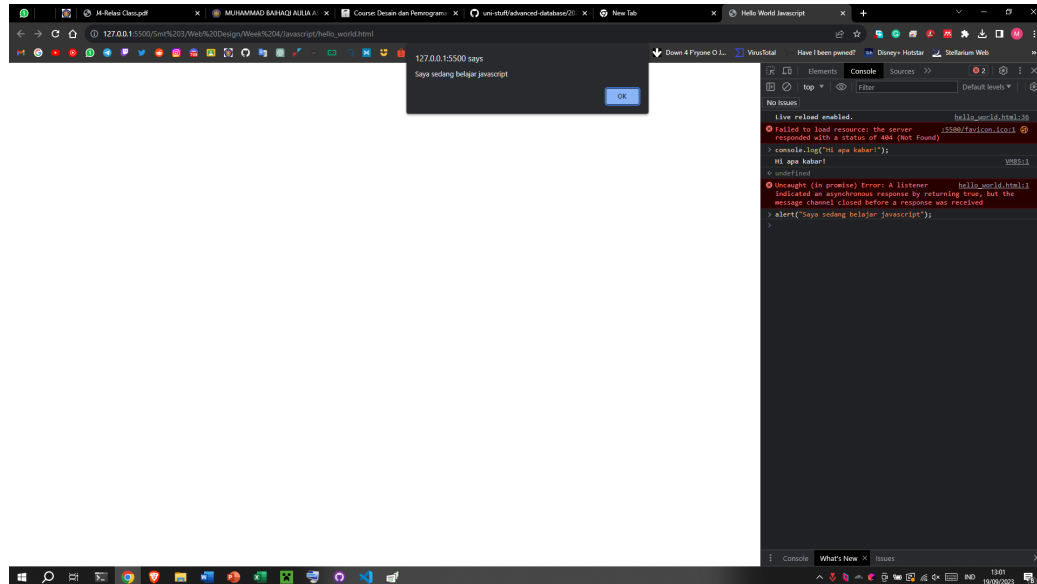2241720145

Class
2I

Department
Information Technology

Study Program
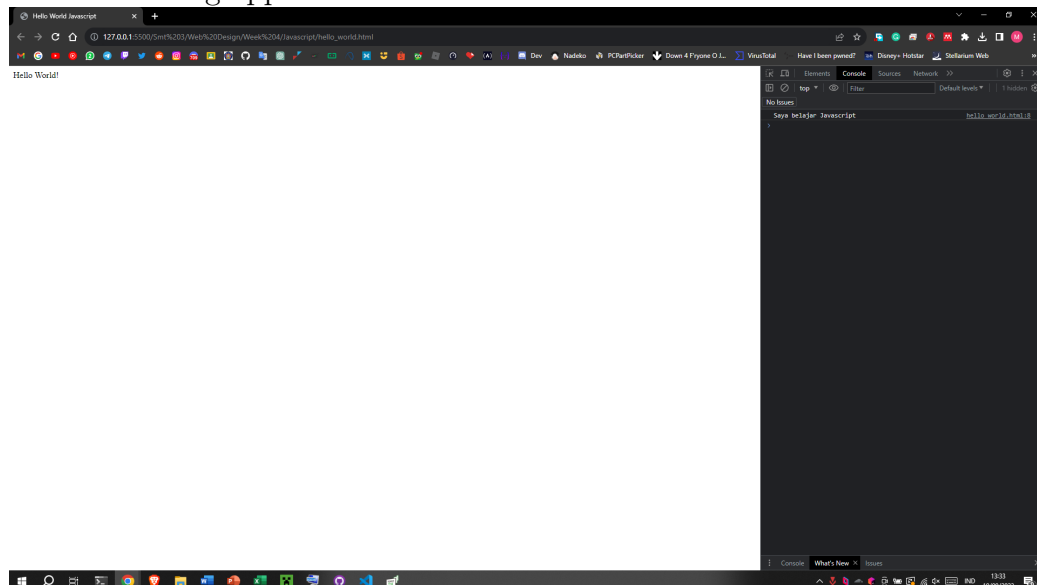D4 Informatics Engineering

Practicum 1 - Intro

1. -

there is an alert from the browser after typing in the command alert in the console

Practicum 2 - First Javascript Program

2. There is hello world written on the HTML page.

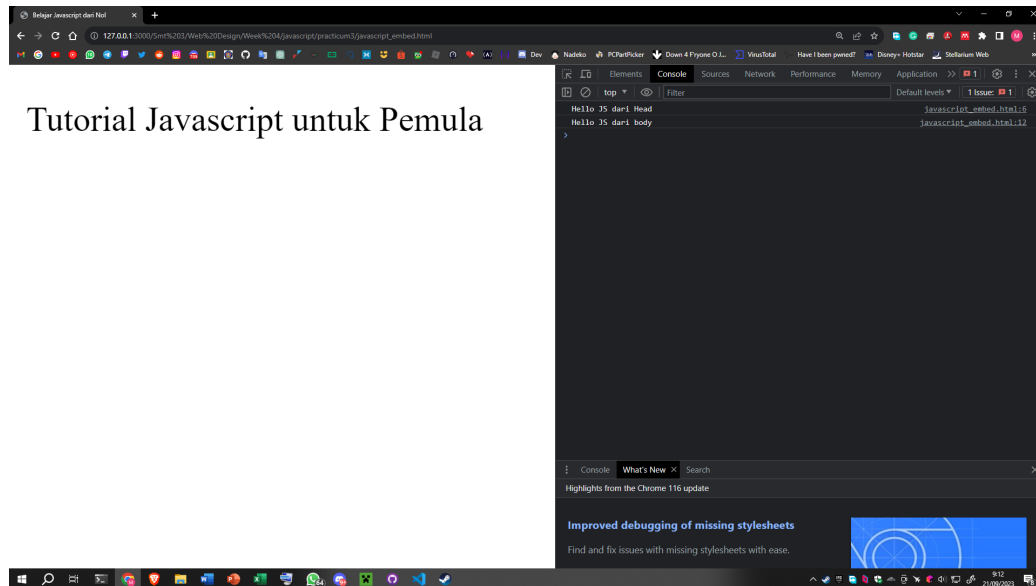3. The console log appears in the console tab.

4. Because console log print text in the console.

Practicum 3 - Writing Javascript Code in HTML
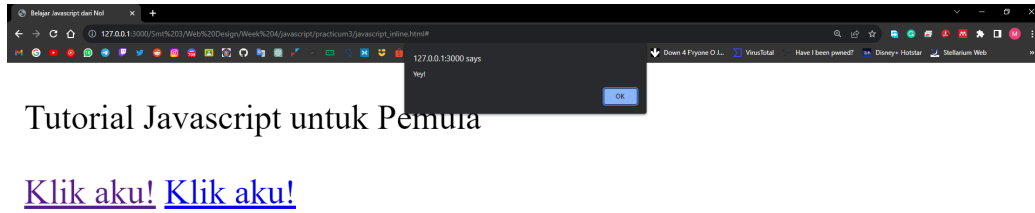
1. Embed Javascript

1. -

both script in head and body executed in top down order.

2. i think the body is better because then the whole html (atleast the part that are about to be manipulated by the javascript) finish load. in result the javascript executed faster because it doesnt need to wait for the html element it about to use to load first.
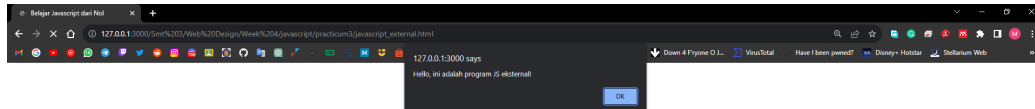
2. Inline Javascript

1. -

Tutorial Javascript untuk Pemula

[Klik aku!](#) [Klik aku!](#)

both anchor creat an alert in the browser.

2. one use the href to run the javascript, the other use onclick attribute.

3. External Javascript

1. -

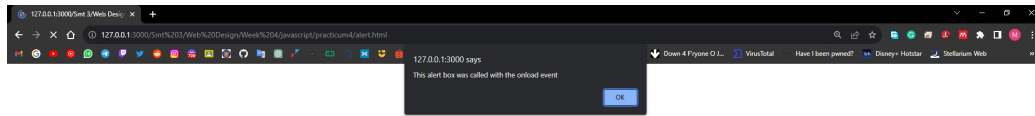the alert load in first, but after inspecting the page, the html is partially loaded up to the script tag.

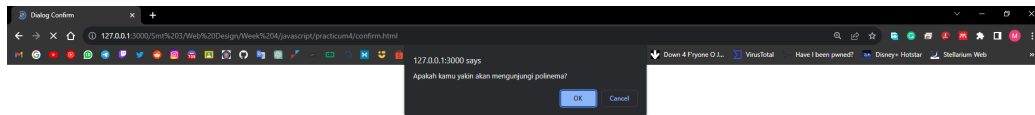2. the script did not load like before.

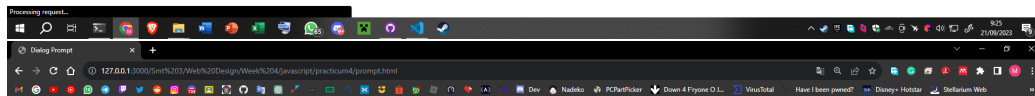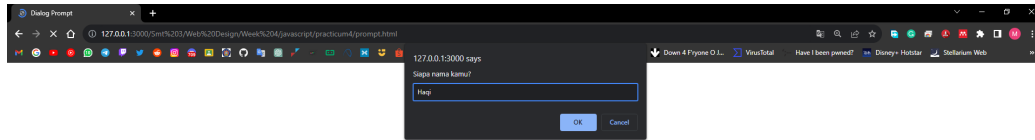## Practicum 4 - Dialog Window

3. -

an alert show up uppon the page load.

4. -

the browser gave me an option to go to the polinema website or cancel it in which when canceling the script tag write text on the page.
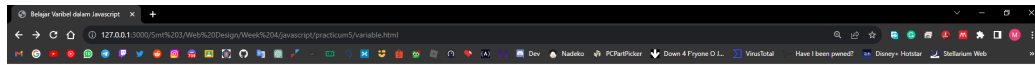
5. -

Hello Haqi

the browser prompted me with the parameter that have been set in the prompt function inside the script tag.

Practicum 5 - Variables

6. -

Nama Situs: Javascript
Jumlah Pengunjung: 50322
Status Aktif: true

the var can be written inside the html document.
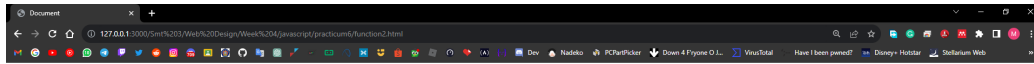
Practicum 6 - Functions

7. -

uppon clicking the anchor, the browser alerted me with hello world.
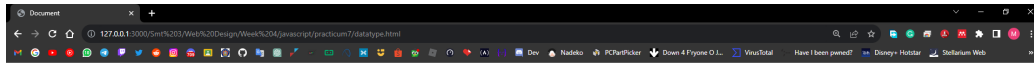
8.

    5

the browser write the result of the function after it being called in the script tag in the page body.
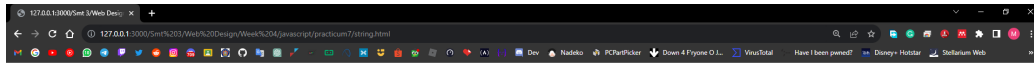
Practicum 7 - Data Types

9.

Javascript Data Type

John

javascript is dynamically typed, one can declare a variable and be replaced with different data type with out casting the data.
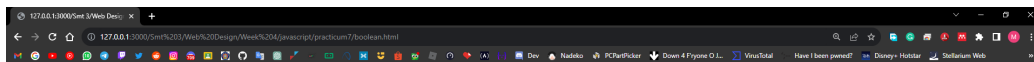
10. -

Javascript String

Membuat Javascript String

It's alright
He is called 'Dilan'
He is called "Dilan"

there are many ways to declare a string with quote mark inside of a string
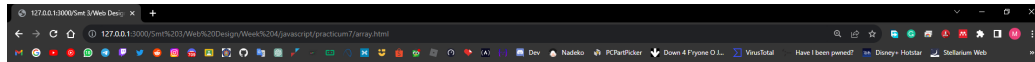
11. -

Javascript Booleans

Booleans hanya memiliki nilai true dan false

true
false

one can compare variables with comparison operator and get true or false value from it.
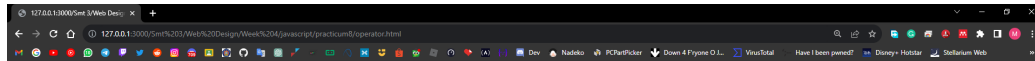
12. -

Javascript Arrays

Array

Satu

one can store data in an array and then called it with its index in the array to get the data.

Practicum 8 - Operators

13. -

Javascript Operators

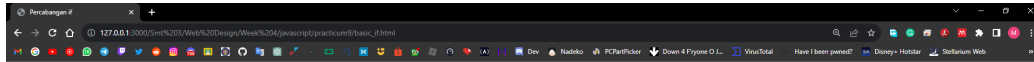x = 5, y = 2, menghitung z = x + y, dan tampil z:

7

the javascript can do operation on the fly.

Practicum 9 - Selections

1. Basic If Selection
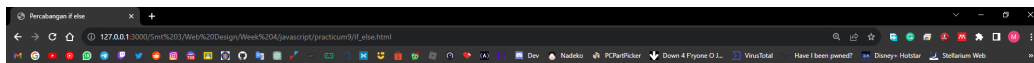
14. -

Selamat Anda dapat hadiah

Terimakasih sudah berbelanja di toko kami

when the condition of the if is fulfilled, the code block inside of it run.

2. If Else Selection
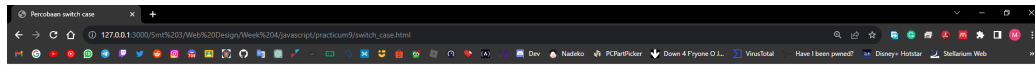
15. -

Password salah, coba lagi!

Terima kasih sudah menggunakan aplikasi ini!

now if the condition isn't met the else code block run.

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3. Switch Case Selection
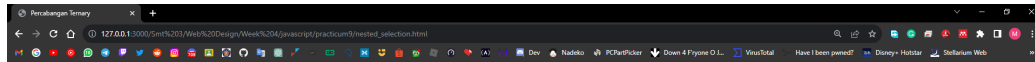
16. -

Opps! anda salah pilih

Kamu gagal mendapat hadiah

the switch case has the ability to run a code block multiple specific condition and run default code block when no case condition isnt met.
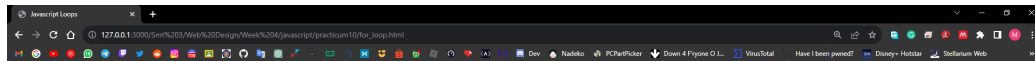
4. Nested Selection

17. -

Anda tidak terdaftar!

the Program check multiple times because there is if inside of if.

Practicum 10 - Looping
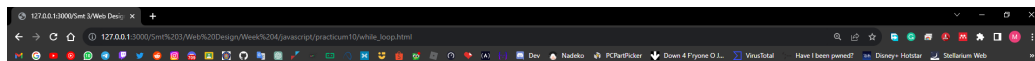
1. For Loop

18. -

Javascript Loops

The number is 0
The number is 1
The number is 2
The number is 3
The number is 4

the number got printed 5 times as the looping dictated.

2. While Loop

19. -

Javascript While

The number is 0
The number is 1
The number is 2
The number is 3
The number is 4
The number is 5
The number is 6
The number is 7
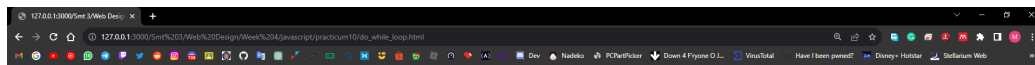The number is 8
The number is 9

it works just like before, but instead of putting variable declaration and incre-

ment as 3 statement parameter, we just put the condition then declare and increment manually.

3. Do While Loop

20. -

it works similarly with while. only different is the do code block is atleast run once before checking the while condition.