

MODERN JAVASCRIPT PEMROGRAMAN FRAMEWORK



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PROGRAM STUDI D-IV TEKNIK INFORMATIKA

JURUSAN TEKNOLOGI INFORMASI

POLITEKNIK NEGERI MALANG

Jurusan Teknologi Informasi Politeknik Negeri Malang.

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"Make a practicum report containing screenshots of the results for each experiment. Provide an explanation of the results of the screenshots for each experiment based on your understanding supported from various reference sources"

Practicum

1. Creating a variable using const

This javascript have function to give alert popup message when user open the website.

2. Creating Variable using let

This javascript give default value to variable 'name'. then replace with new value "Politeknik Negeri Malang" . when open browser will show alert popup according to the latest value

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3. Create Template Strings

The command prompt is used to request input from the user then it will be displayed in the result. The alert com mand is used to bring up a popup when the website is opened

4. Creating Default Parameter

Create a new function called welcome . the function itself will be executed when "someting" invokes it / call it. This function is similar to return and at the end the function is called and will execute "welcome();"

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5. Creating Arrow Function 1

The purpose of the code above is the declaration of the greeting variable to indicate that its value / content is the same as message . arrow sign the value is the same as return, function then alert will display a popup when the website is opened.

6. Creating Arrow Function 2

```
index.html > ♦ html

index.ht
```

The function that was created to complete the addition of the value of the function takes it from the alert function then if the value has been obtained it will be returned back to be added and then the results are displayed.the arrow as function

7. Creating a Destructuring Object

Declare name and university variables then arrow as function . the value taken from the student who has been declared and has a value

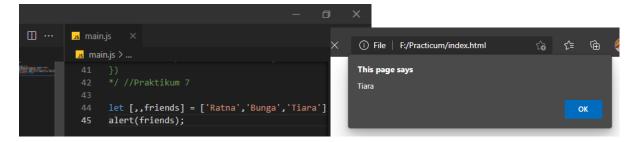


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8. Creating a Destructuring Array

Modify The Code



The comma function is to Jump 2X in front so that the output is on the third line. there is only one output because there is no looping, if you want to display all arrays you have to use looping

9. Creating a Restructuring

```
▶ • □
index.html > ♦ html > ♦ body
                                                                                                          ₃ main.js > ..
                                                                                                                   var footballplayer={
         <meta charset='utf-8'>
         <meta http-equiv='X-UA-Compatible' content='IE=edge'>
                                                                                                                        height: '182',

<
                                                                                                                             alert('Mr.' + this.name + ' is ' +
                                                                                                                             this.height +'cm tall')
                                                                                                                  };
footballplayer.output();

    Learning Modern JavaScript

                                                                                                   i File F:/Practicum/index.html
                                                                                                                                                   This page says
                                                                                                    Mr.Gerrad is 182cm tall
```

Declaring a new class called football then creating a new variable in it name, height. create the constructor as output. And at the end class.output is called.

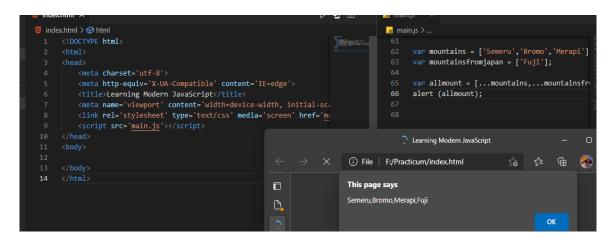
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10. Creating Spread and Rest Operators

Creating Spread



The above code runs by creating 2 mountain variables, then they are put back together in one array '...' functions to call all values in the array.

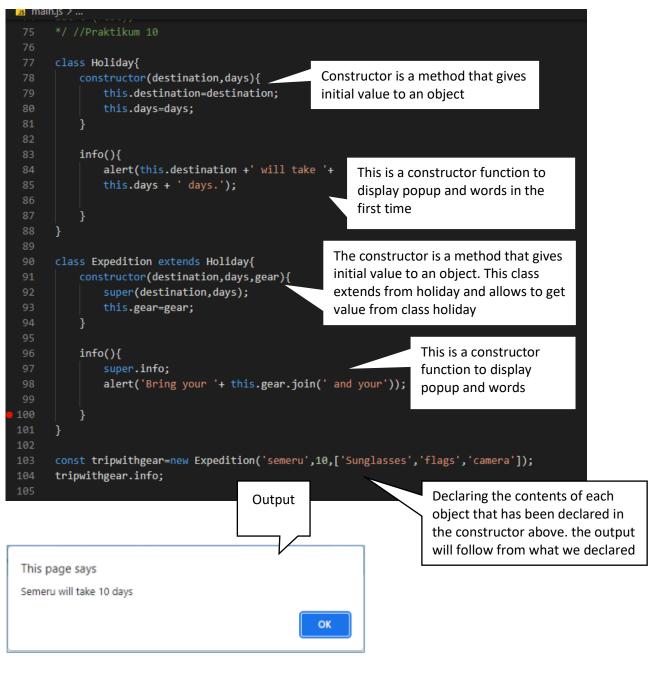
Rest Operators

First create a new variable rivers then in the second variable declared first belongs to ciliwung then the rest belongs to rest because it outputs only to array 1,2 because array 0 belongs to first.



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11. Creating Constructor and Super Classes



Click the OK button, the next page will appear

