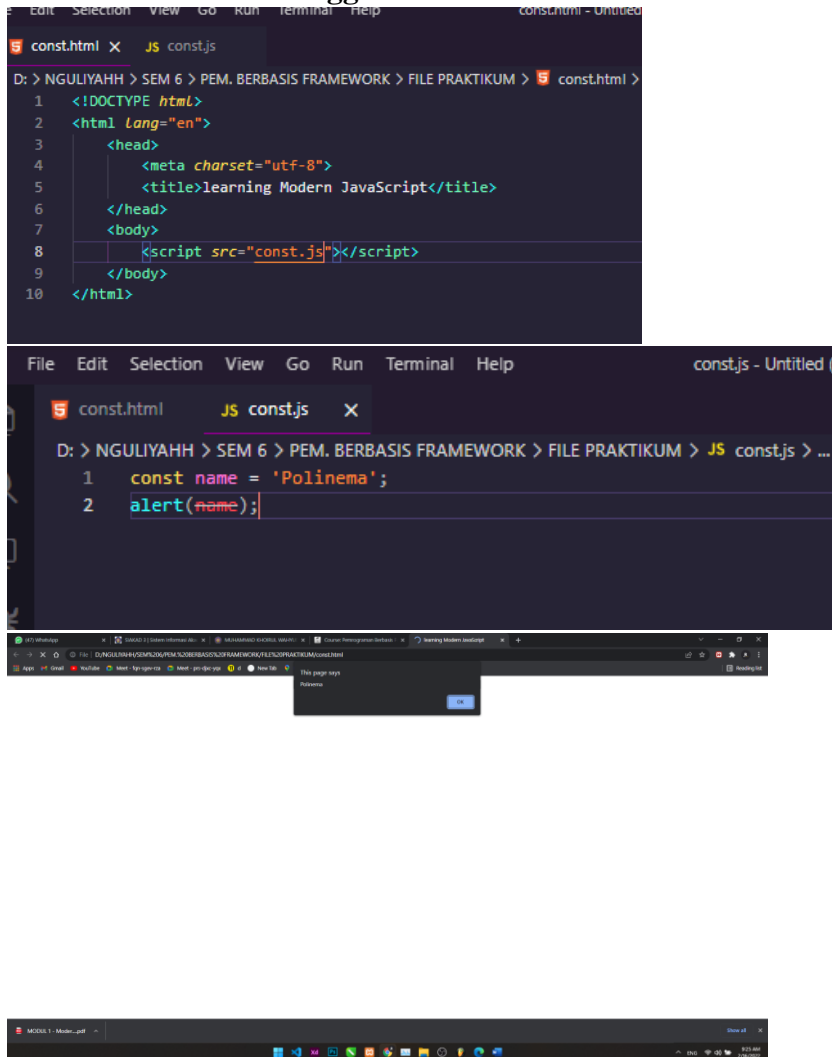


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a. Membuat variabel menggunakan const



The image shows a VS Code editor with two files open: `const.html` and `const.js`. The `const.html` file contains an HTML document with a script tag that loads `const.js`. The `const.js` file contains the following JavaScript code:

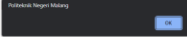
```
1 const name = 'Polinema';  
2 alert(name);
```

Below the code editor, a browser window is visible, showing a confirmation dialog box with the text "This page may" and a "Yes" button.

b. Membuat variabel menggunakan let

```
FILE PRAKTIKUM > let.html > html
1 <!DOCTYPE html>
2 <html Lang="en">
3   <head>
4     <meta charset="utf-8">
5     <title>learning Modern JavaScript</title>
6   </head>
7   <body>
8     <script src="let.js"></script>
9   </body>
10 </html>

FILE PRAKTIKUM > JS let.js > ...
1 if (true) {
2   let name = 'Polinema';
3   name = 'Politeknik Negeri Malang';
4   alert(name);
5 }
```

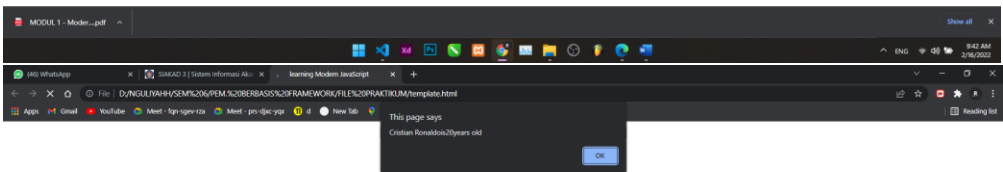
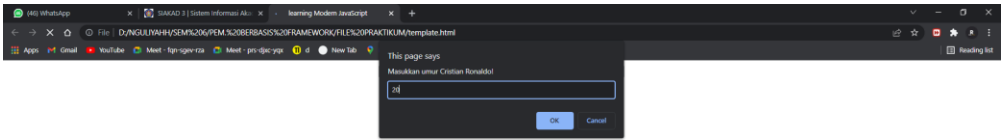


```
MODUL 1 - Modul.pdf
```

c. Membuat Template Strings

```
FILE PRAKTIKUM > template.html > html > body
1 <!DOCTYPE html>
2 <html Lang="en">
3   <head>
4     <meta charset="utf-8">
5     <title>learning Modern JavaScript</title>
6   </head>
7   <body>
8     <script src="template.js"></script>
9   </body>
10 </html>

FILE PRAKTIKUM > JS template.js > ...
1 let fname = 'Cristian';
2 let lname = 'Ronaldo';
3 let age = prompt("Masukkan umur Cristian Ronaldo!");
4
5 // cara lama
6 let result = fname + ' ' + lname + ' is ' + age + ' years old';
7 alert(result);
8
9
10 // let result = `${fname} ${lname} is ${age} years old`;
11 // alert(result);
```



d. Membuat default parameters

```
FILE PRAKTIKUM > defaultParameters.html > html > body > script
1 <!DOCTYPE html>
2 <html Lang="en">
3   <head>
4     <meta charset="utf-8">
5     <title>learning Modern JavaScript</title>
6   </head>
7   <body>
8     <script src="defaultParameters.js"></script>
9   </body>
10 </html>
```

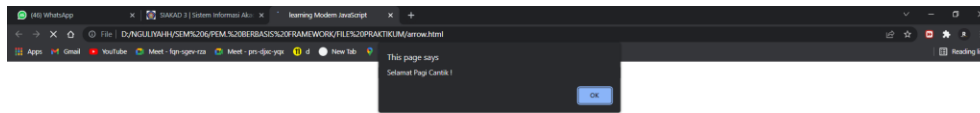
```
defaultParameters.html JS defaultParameters.js X
FILE PRAKTIKUM > JS defaultParameters.js > ...
1 function welcome(user = 'Cantik', message = 'Selamat beraktifitas dan jangan lupa makan yah'){
2   alert(`Hai ${user}, ${message}`);
3 }
4 welcome();
```

This page says
Hai Cantik, Selamat beraktifitas dan jangan lupa makan yah

e. Membuat Arrow Function 1

```
FILE PRAKTIKUM > arrow.html > html > body > script
1 <!DOCTYPE html>
2 <html Lang="en">
3   <head>
4     <meta charset="utf-8">
5     <title>learning Modern JavaScript</title>
6   </head>
7   <body>
8     <script src="arrow.js"></script>
9   </body>
10 </html>
```

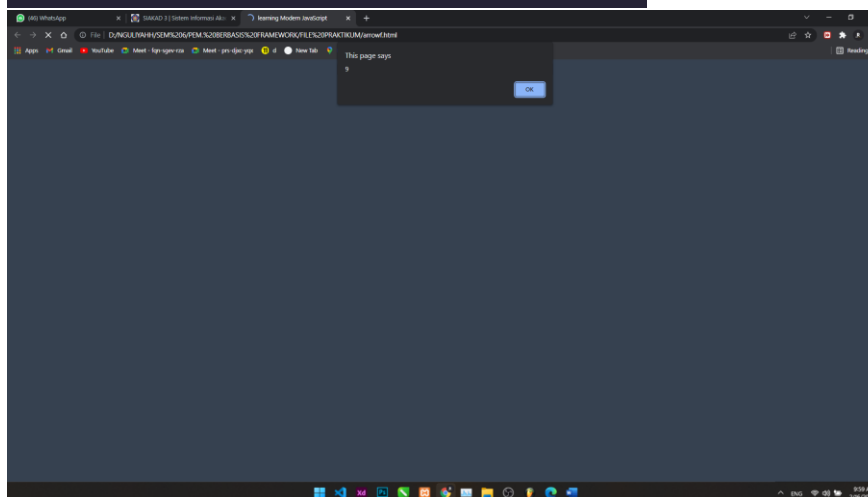
```
FILE PRAKTIKUM > JS arrow.js > ...
1 let gretting = message => alert(`${message} Cantik !`);
2 gretting('Selamat Pagi');
```



f. Membuat Arrow Function 2

```
FILE PRAKTIKUM > arrowf.html > html > body > script
1 <!DOCTYPE html>
2 <html Lang="en">
3   <head>
4     <meta charset="utf-8">
5     <title>learning Modern JavaScript</title>
6   </head>
7   <body>
8     <script src="arrowf.js"></script>
9   </body>
10 </html>
```

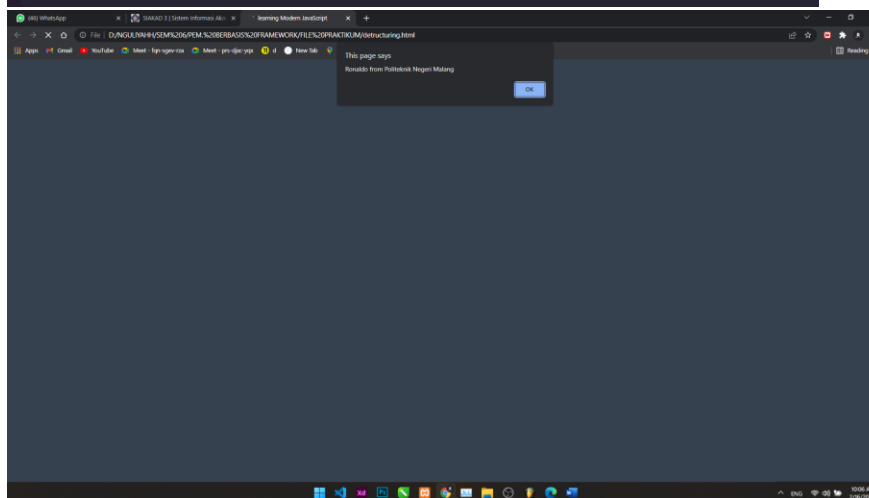
```
FILE PRAKTIKUM > JS arrowf.js > ...
1 const func = (a, b) => {
2   return a+b;
3 };
4 alert(func(5,4));
```



g. Membuat Destructuring Object

```
FILE PRAKTIKUM > destructuring.html > html > body > script
1 <!DOCTYPE html>
2 <html Lang="en">
3   <head>
4     <meta charset="utf-8">
5     <title>learning Modern JavaScript</title>
6   </head>
7   <body>
8     <script src="destructuring.js"></script>
9   </body>
10 </html>
```

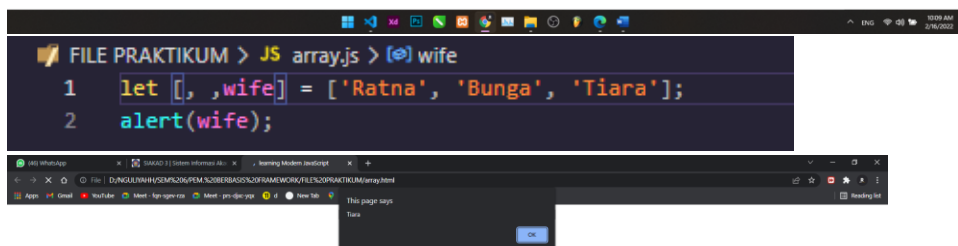
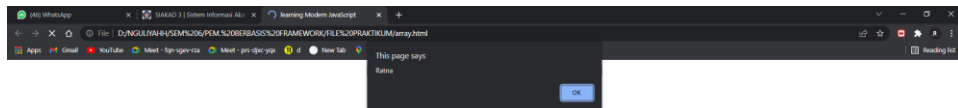
```
FILE PRAKTIKUM > JS destructuring.js > polStudent
1 let polStudent = ({name, polytechnic}) => {
2   alert(`${name} from ${polytechnic}`);
3 };
4
5 polStudent({
6   name: 'Ronaldo',
7   polytechnic: 'Politeknik Negeri Malang'
8 });
```



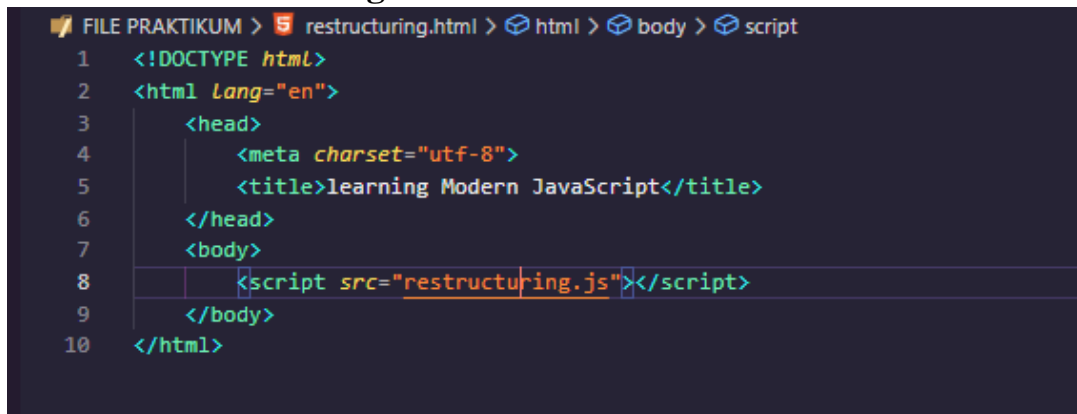
h. Membuat Destructuring an Array

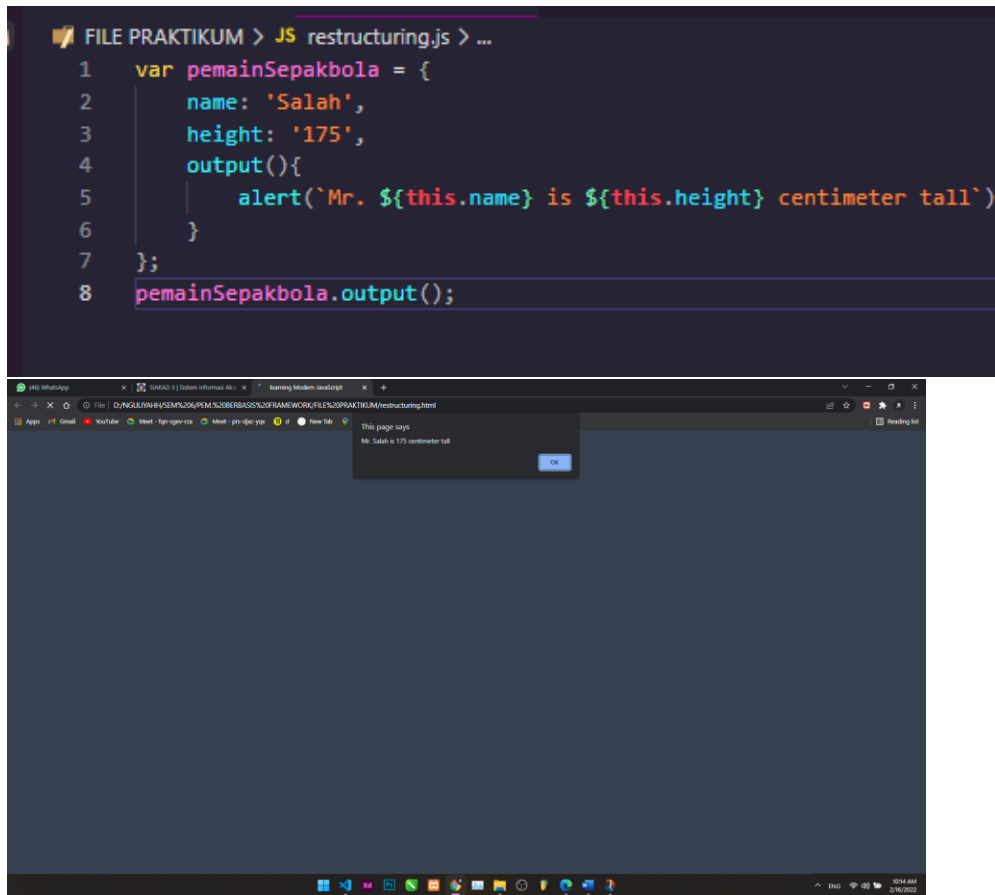
```
FILE PRAKTIKUM > array.html > html > body > script
1 <!DOCTYPE html>
2 <html Lang="en">
3   <head>
4     <meta charset="utf-8">
5     <title>learning Modern JavaScript</title>
6   </head>
7   <body>
8     <script src="array.js"></script>
9   </body>
10 </html>
```

```
FILE PRAKTIKUM > JS array.js > ...
1 let [wife] = ['Ratna', 'Bunga', 'Tiara'];
2 alert(wife);
```

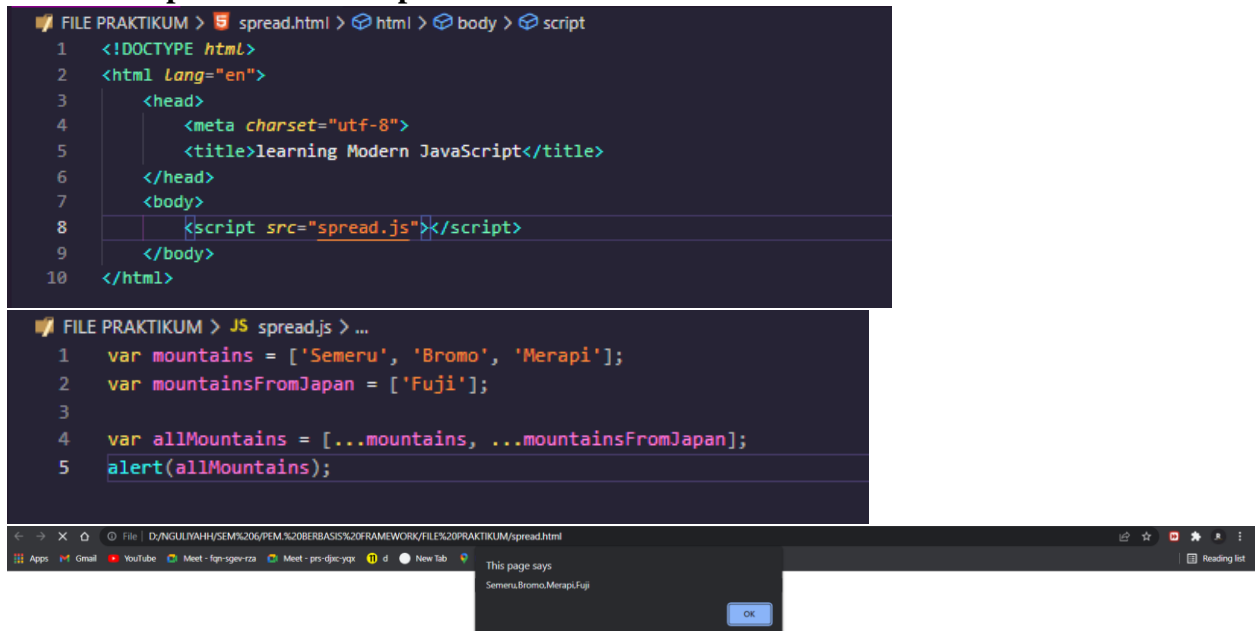


i. Membuat restructuring





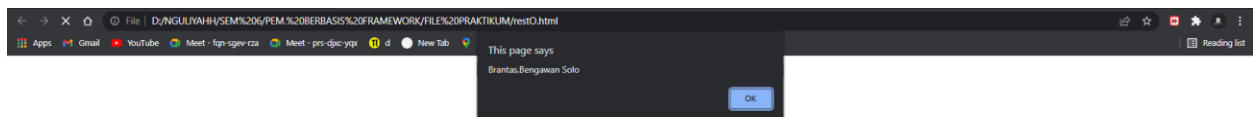
j. Membuat Spread and Rest operator



Untuk melakukan praktek rest operation, buatlah dua file .html dan .js seperti dibawah ini

```
FILE PRAKTIKUM > restO.html > html > body > script
1 <!DOCTYPE html>
2 <html Lang="en">
3   <head>
4     <meta charset="utf-8">
5     <title>learning Modern JavaScript</title>
6   </head>
7   <body>
8     <script src="restO.js"></script>
9   </body>
10 </html>
```

```
FILE PRAKTIKUM > JS restO.js > ...
1 var rivers = ['Ciliwung', 'Brantas', 'Bengawan Solo'];
2 var [first, ...rest] = rivers;
3
4 alert(rest);
```



k. Membuat Classes Constructor and Super

```
FILE PRAKTIKUM > class.html > html > body > script
1 <!DOCTYPE html>
2 <html Lang="en">
3   <head>
4     <meta charset="utf-8">
5     <title>learning Modern JavaScript</title>
6   </head>
7   <body>
8     <script src="class.js"></script>
9   </body>
10 </html>
```

```
FILE PRAKTIKUM > JS class.js > ...
1  class Holiday {
2  constructor(destination, days){
3      this.destination = destination;
4      this.days = days;
5  }
6
7  info(){
8      alert(`${this.destination} will take ${this.days} days.`);
9  }
10 }
11
12 //sub class
13 class Expedition extends Holiday{
14 constructor(destination, days, gear) {
15     super(destination, days);
16     this.gear = gear;
17 }
18
19 info(){
20     super.info();
21     alert(`Bring your ${this.gear.join(' and your ')}`);
22 }
23 }
24
25 const tripWithGear = new Expedition('Semeru', 10, ['Sunlasses', 'Flags', 'Camera']);
26 tripWithGear.info();
```

This page says
Semeru will take 10 days.

OK

D:\NGULNIAH\H\SEM1206\PEM.320BERBASIS%20FRAMEWORK\FILE%20PRAKTIKUM\class.html

This page says
Bring your Sunlasses and your Flags and your Camera

OK

LINK GITHUB

<https://github.com/khoirulwhyd/01PBF-Petemuan1>