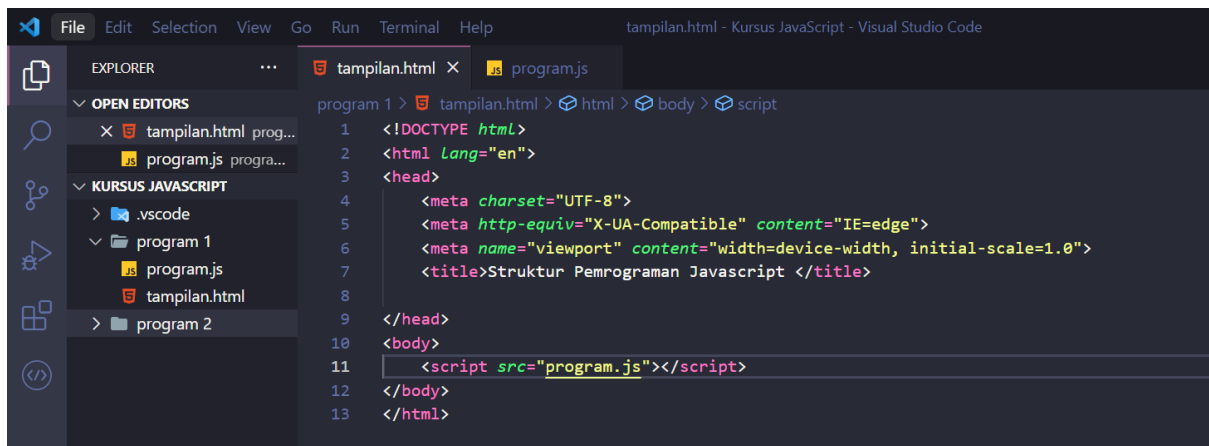


Febriana – 10120429

## SESI 1 – JavaScript

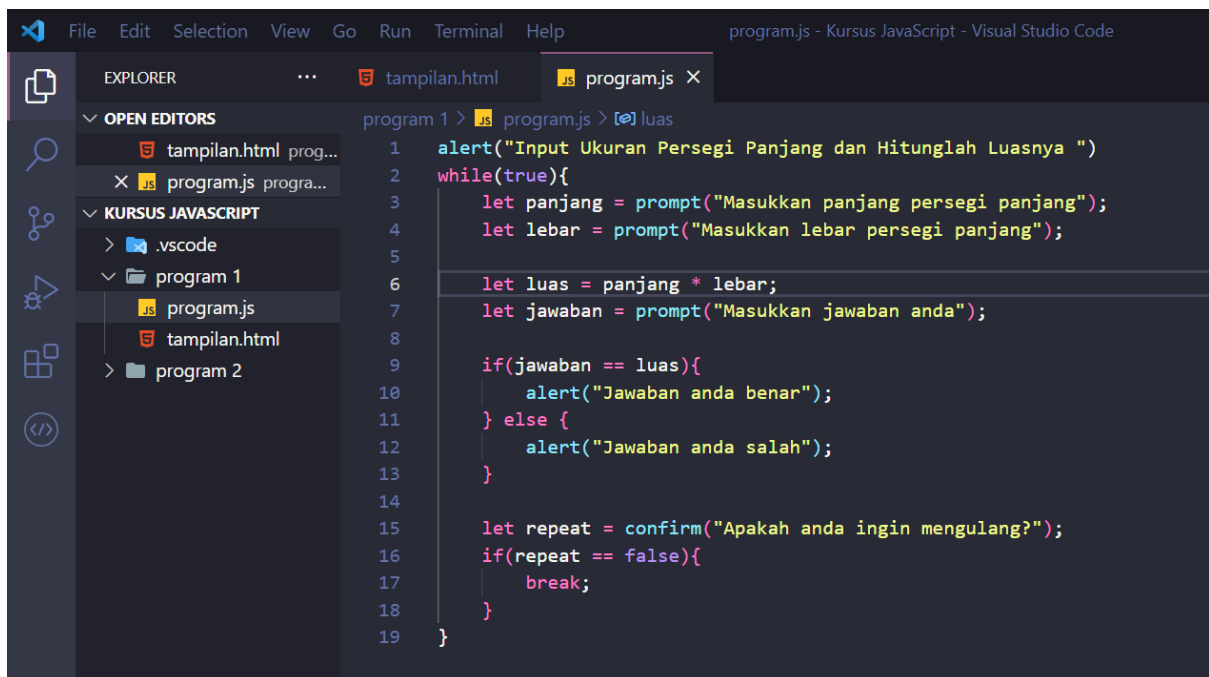
### PROGRAM 1

#### Input program 1



This screenshot shows the Visual Studio Code editor with the file 'tampilan.html' open. The Explorer sidebar on the left shows the project structure with folders 'program 1' and 'program 2'. The main editor area displays the following HTML code:


```
1 <!DOCTYPE html>
2 <html lang="en">
3 <head>
4   <meta charset="UTF-8">
5   <meta http-equiv="X-UA-Compatible" content="IE=edge">
6   <meta name="viewport" content="width=device-width, initial-scale=1.0">
7   <title>Struktur Pemrograman Javascript </title>
8
9 </head>
10 <body>
11   <script src="program.js"></script>
12 </body>
13 </html>
```



This screenshot shows the Visual Studio Code editor with the file 'program.js' open. The Explorer sidebar on the left shows the project structure. The main editor area displays the following JavaScript code:


```
1 alert("Input Ukuran Persegi Panjang dan Hitunglah Luasnya ")
2 while(true){
3   let panjang = prompt("Masukkan panjang persegi panjang");
4   let lebar = prompt("Masukkan lebar persegi panjang");
5
6   let luas = panjang * lebar;
7   let jawaban = prompt("Masukkan jawaban anda");
8
9   if(jawaban == luas){
10     alert("Jawaban anda benar");
11   } else {
12     alert("Jawaban anda salah");
13   }
14
15   let repeat = confirm("Apakah anda ingin mengulang?");
16   if(repeat == false){
17     break;
18   }
19 }
```

## Output Program 1

 127.0.0.1:5501

Input Ukuran Persegi Panjang dan Hitunglah Luasnya

OK


 127.0.0.1:5501

Masukkan panjang persegi panjang

18

☐ Prevent this page from creating additional dialogs

OK Cancel

 127.0.0.1:5501

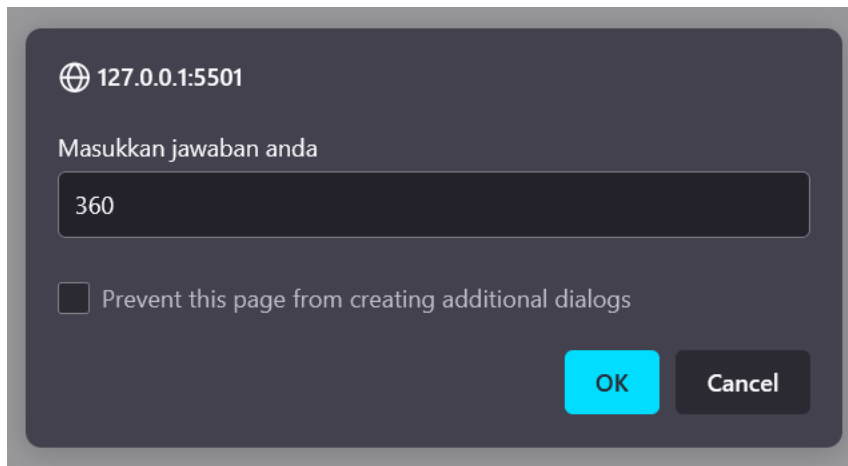
Masukkan lebar persegi panjang

20

☐ Prevent this page from creating additional dialogs

OK Cancel

Kalau masukkin angka yg benar



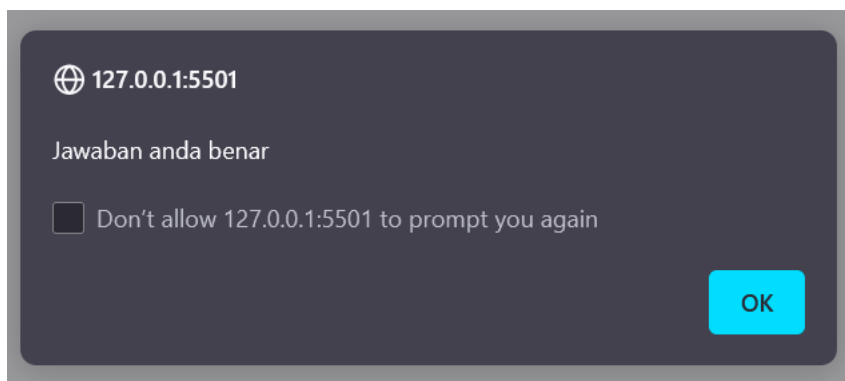
🌐 127.0.0.1:5501

Masukkan jawaban anda

360

☐ Prevent this page from creating additional dialogs

OK Cancel



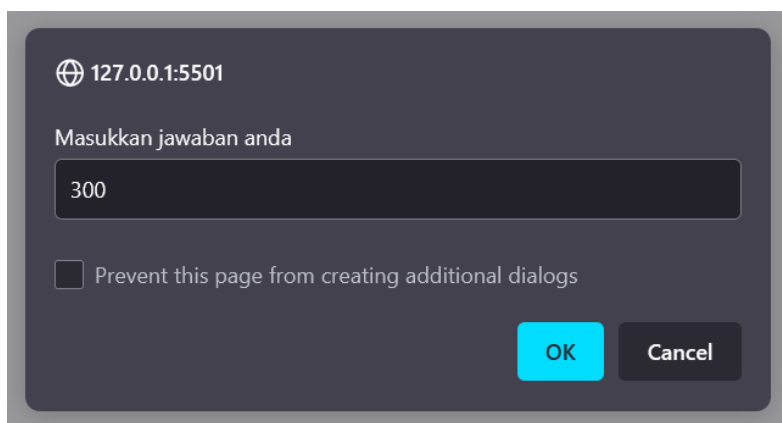
🌐 127.0.0.1:5501

Jawaban anda benar

☐ Don't allow 127.0.0.1:5501 to prompt you again

OK

Kalau masukkin angka yg salah



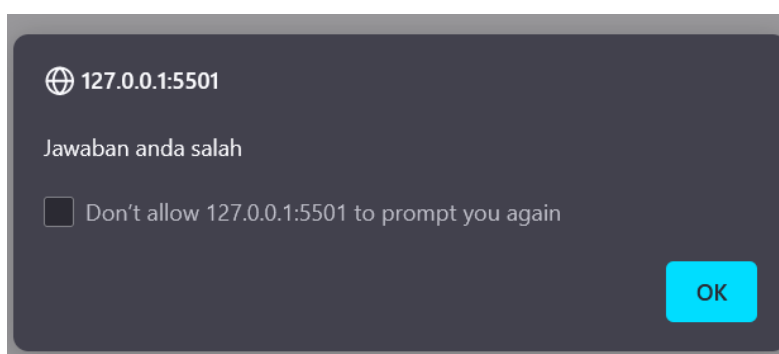
🌐 127.0.0.1:5501

Masukkan jawaban anda

300

☐ Prevent this page from creating additional dialogs

OK Cancel



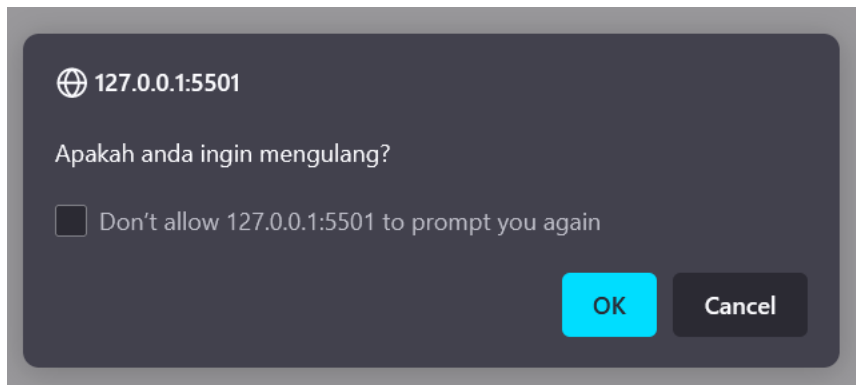
🌐 127.0.0.1:5501

Jawaban anda salah

☐ Don't allow 127.0.0.1:5501 to prompt you again

OK

Untuk mengulang program



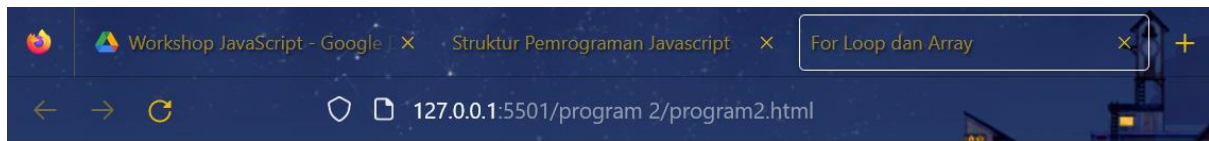
## PROGRAM 2

Input

```
1 <!DOCTYPE html>
2 <html Lang="en">
3 <head>
4   <meta charset="UTF-8">
5   <meta http-equiv="X-UA-Compatible" content="IE=edge">
6   <meta name="viewport" content="width=device-width, initial-scale=1.0">
7   <title>For Loop dan Array </title>
8 </head>
9 <body>
10  <script src="program2.js"></script>
11 </body>
12 </html>
```

```
1 let myArray = [20, 21, 22, 23, 24,25];
2 let result = 0;
3 document.write("<h3>Penjumlahan Seluruh Elemen Array</h3>");
4 document.write("<p>Array : " + myArray.toString() + "</p>");
5
6 for(let i = 0; i < myArray.length; i++){
7   result += myArray[i];
8 }
9
10 document.write("<p>Hasil penjumlahan : " + result + "</p>");
```

## Output



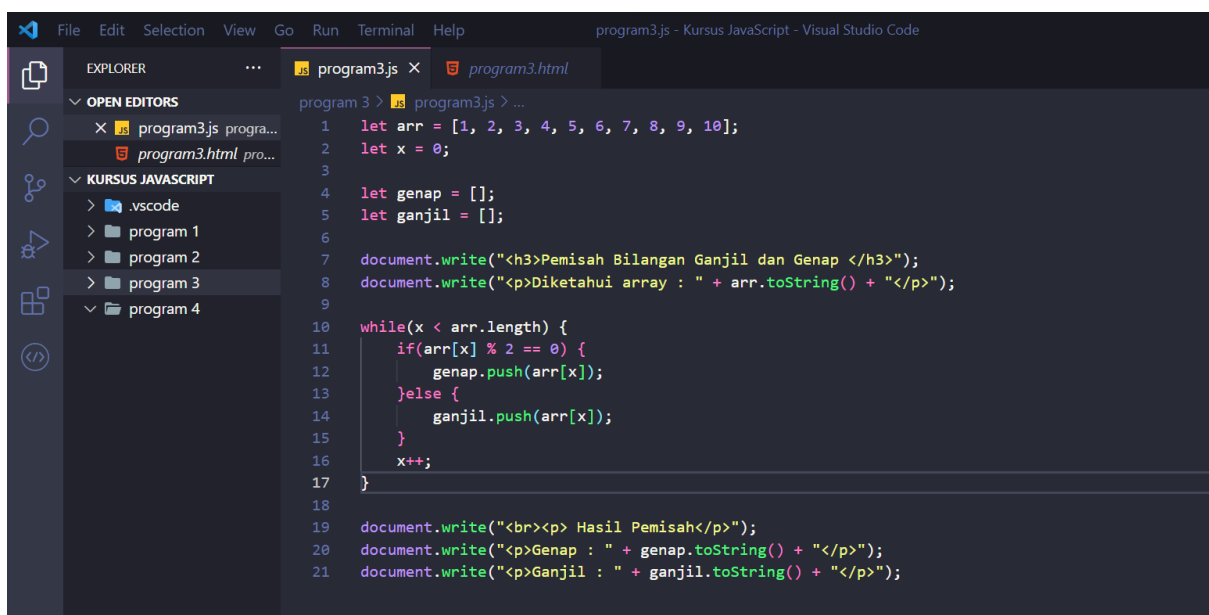
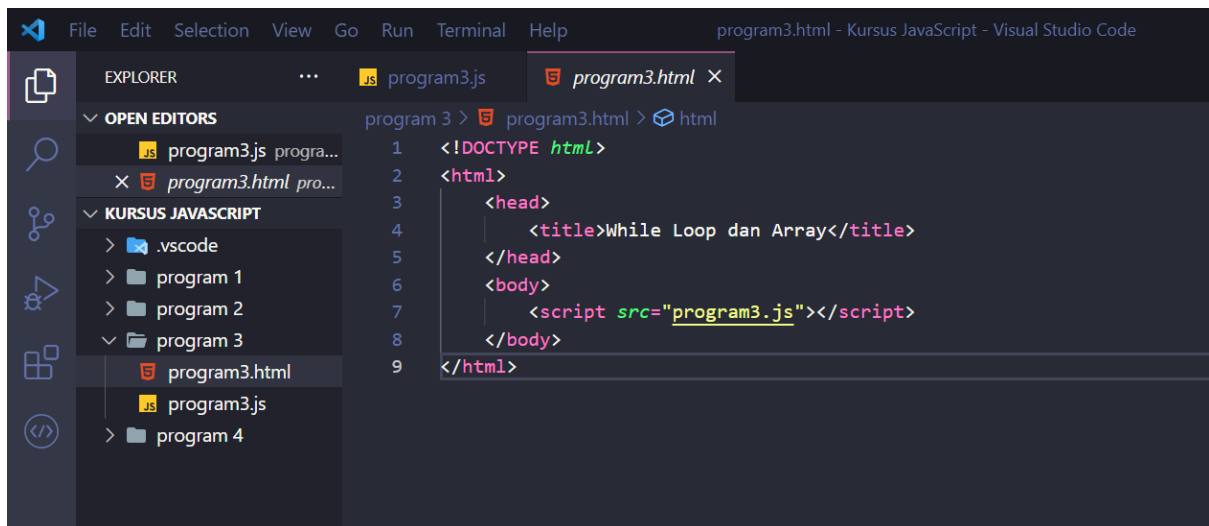
### Penjumlahan Seluruh Elemen Array

Array : 20,21,22,23,24,25

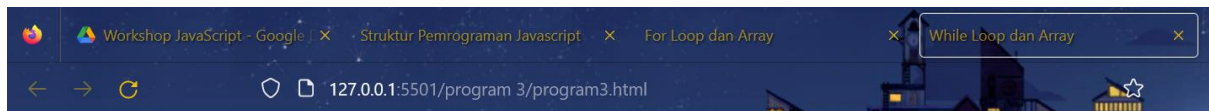
Hasil penjumlahan :135

## PROGRAM 3

### INPUT



## OUTPUT



### Pemisah Bilangan Ganjil dan Genap

Diketahui array : 1,2,3,4,5,6,7,8,9,10

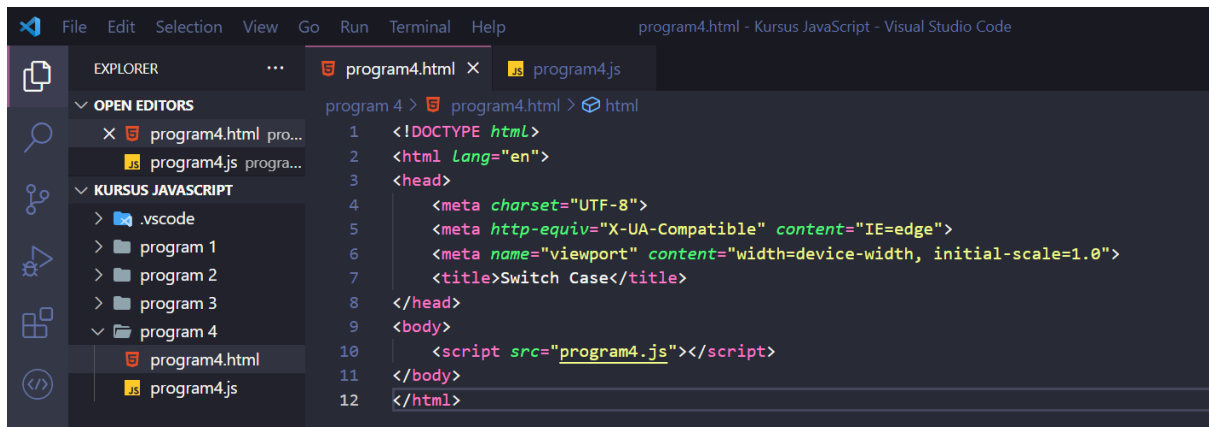
Hasil Pemisah

Genap : 2,4,6,8,10

Ganjil : 1,3,5,7,9

## PROGRAM 4

Input



The screenshot shows the Visual Studio Code interface. The Explorer sidebar on the left displays a project structure under 'KURSUS JAVASCRIPT' with folders 'program 1' through 'program 4'. The 'program 4' folder is expanded, showing 'program4.html' and 'program4.js'. The main editor window is open to 'program4.js', displaying a JavaScript switch statement that logs the day of the week based on the current date's day of the week (0 for Sunday, 1 for Monday, etc.).

```
1 switch (new Date().getDay()) {
2   case 0:
3     console.log("Sunday");
4     break;
5   case 1:
6     console.log("Monday");
7     break;
8   case 2:
9     console.log("Tuesday");
10    break;
11   case 3:
12     console.log("Wednesday");
13     break;
14   case 4:
15     console.log("Thursday");
16     break;
17   case 5:
18     console.log("Friday");
19     break;
20   case 6:
21     console.log("Saturday");
22     break;
23   default:
24     console.log("Where are you living!?");
25 }
```

## Output

