Febriana – 10120429
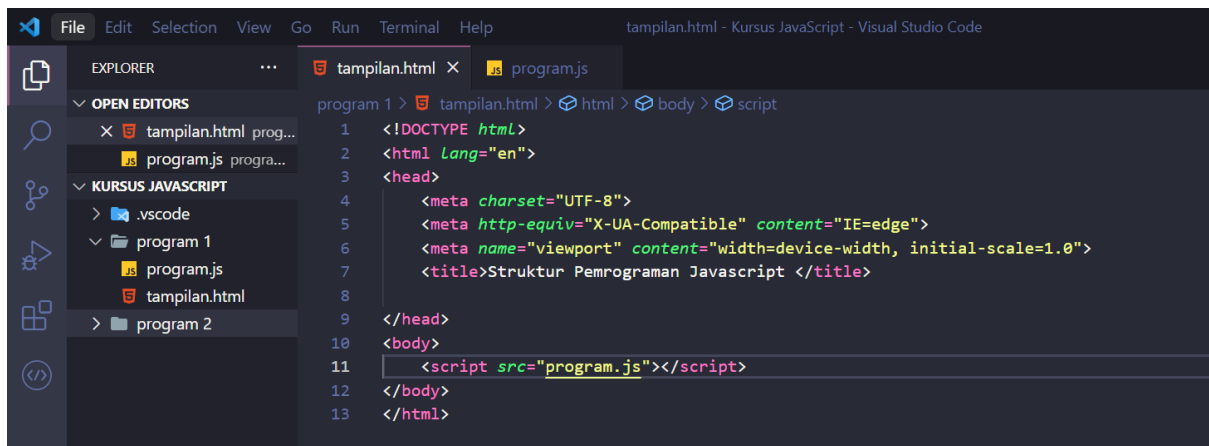
SESI 1 – JavaScript

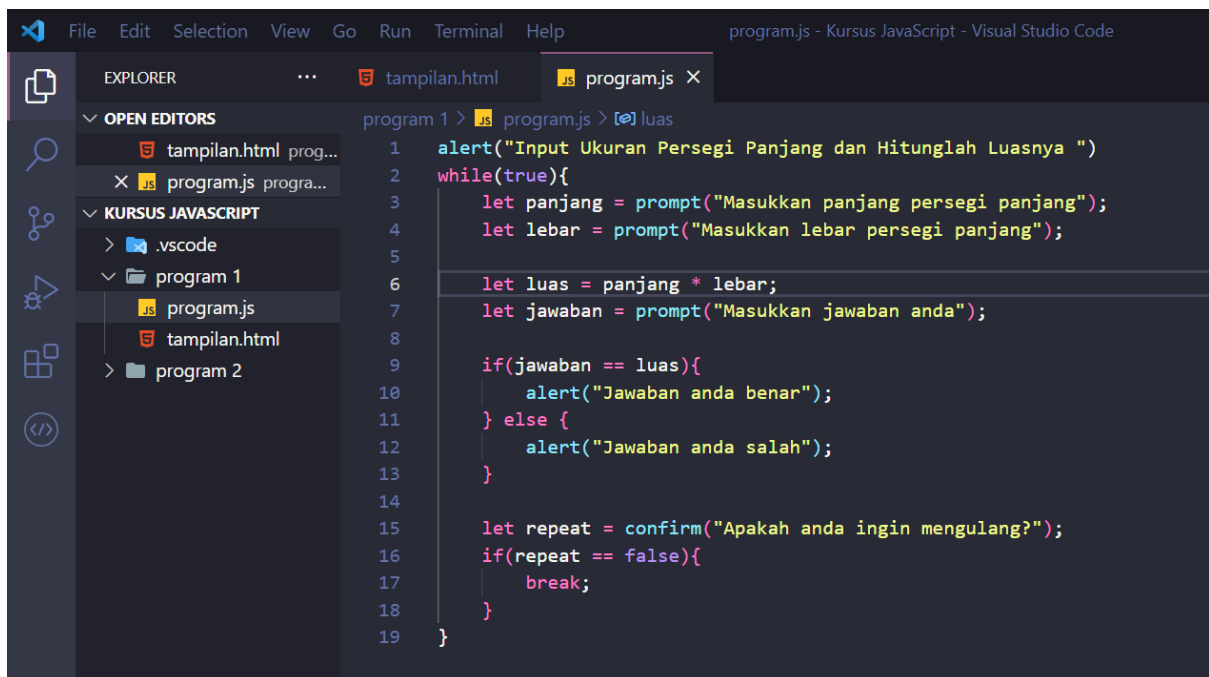# PROGRAM 1

Input **program 1**


```html
<!DOCTYPE html>
<html Lang="en">
<head>
    <meta charset="UTF-8">
    <meta http-equiv="X-UA-Compatible" content="IE=edge">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Struktur Pemrograman Javascript </title>

</head>
<body>
    <script src="program.js"></script>
</body>
</html>
```

```javascript
alert("Input Ukuran Persegi Panjang dan Hitunglah Luasnya ")
while(true){
    let panjang = prompt("Masukkan panjang persegi panjang");
    let lebar = prompt("Masukkan lebar persegi panjang");

    let luas = panjang * lebar;
    let jawaban = prompt("Masukkan jawaban anda");

    if(jawaban == luas){
        alert("Jawaban anda benar");
    } else {
        alert("Jawaban anda salah");
    }

    let repeat = confirm("Apakah anda ingin mengulang?");
    if(repeat == false){
        break;
    }
}
```

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
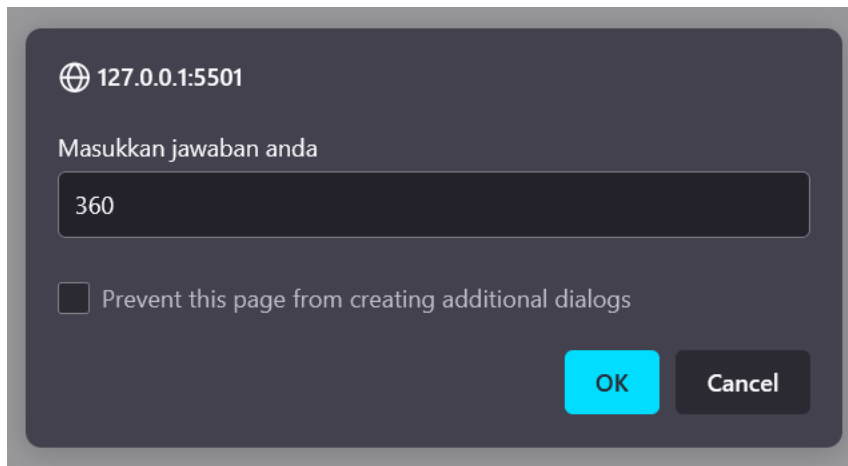
OK   Cancel

127.0.0.1:5501

Masukkan lebar persegi panjang
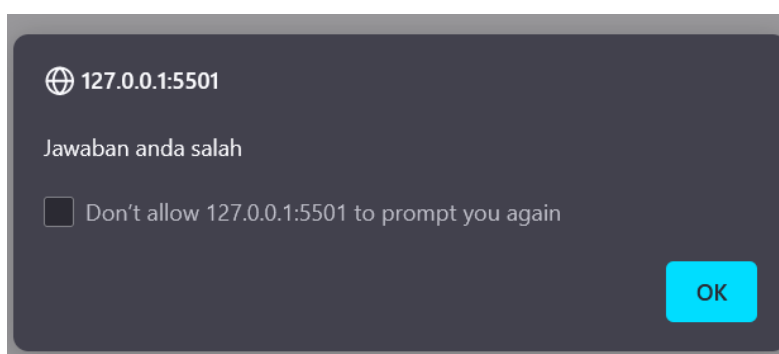
20

☐ Prevent this page from creating additional dialogs
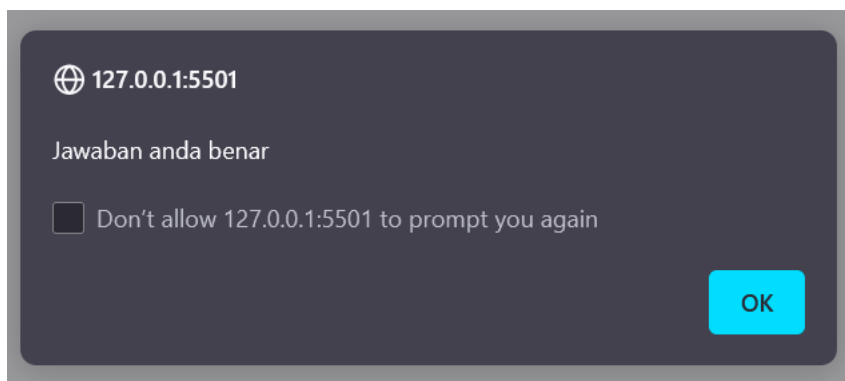
OK   Cancel

Kalau masukkin angka yg benar

Kalau masukkin angka yg salah

Untuk mengulang program
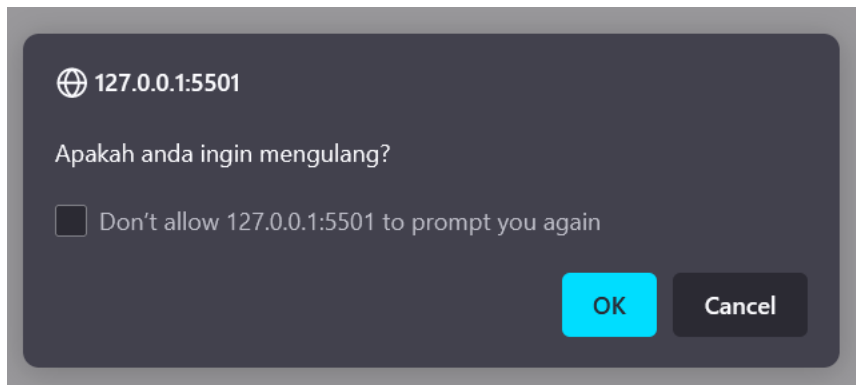
PROGRAM 2

Input

Output

Penjumlahan Seluruh Elemen Array

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

Hasil penjumlahan :135

PROGRAM 3

INPUT


```html
<!DOCTYPE html>
<html>
    <head>
        <title>While Loop dan Array</title>
    </head>
    <body>
        <script src="program3.js"></script>
    </body>
</html>
```



```js
let arr = [1, 2, 3, 4, 5, 6, 7, 8, 9, 10];
let x = 0;

let genap = [];
let ganjil = [];

document.write("<h3>Pemisah Bilangan Ganjil dan Genap </h3>");
document.write("<p>Diketahui array : " + arr.toString() + "</p>");

while(x < arr.length) {
    if(arr[x] % 2 == 0) {
        genap.push(arr[x]);
    }else {
        ganjil.push(arr[x]);
    }
    x++;
}

document.write("<br><p> Hasil Pemisah</p>");
document.write("<p>Genap : " + genap.toString() + "</p>");
document.write("<p>Ganjil : " + ganjil.toString() + "</p>");
```
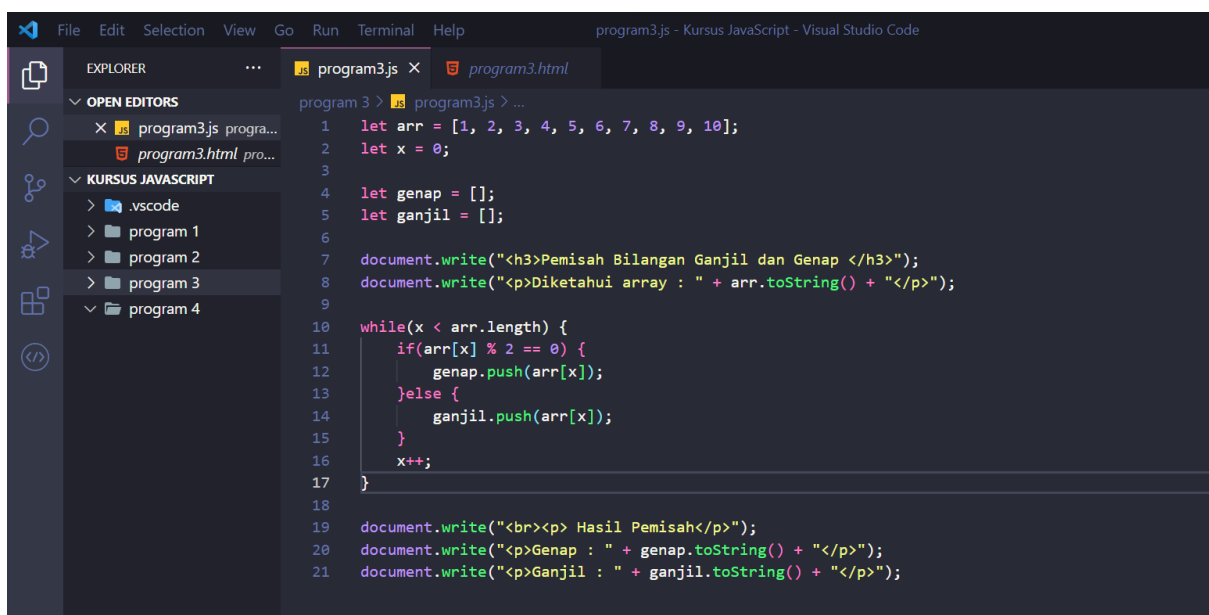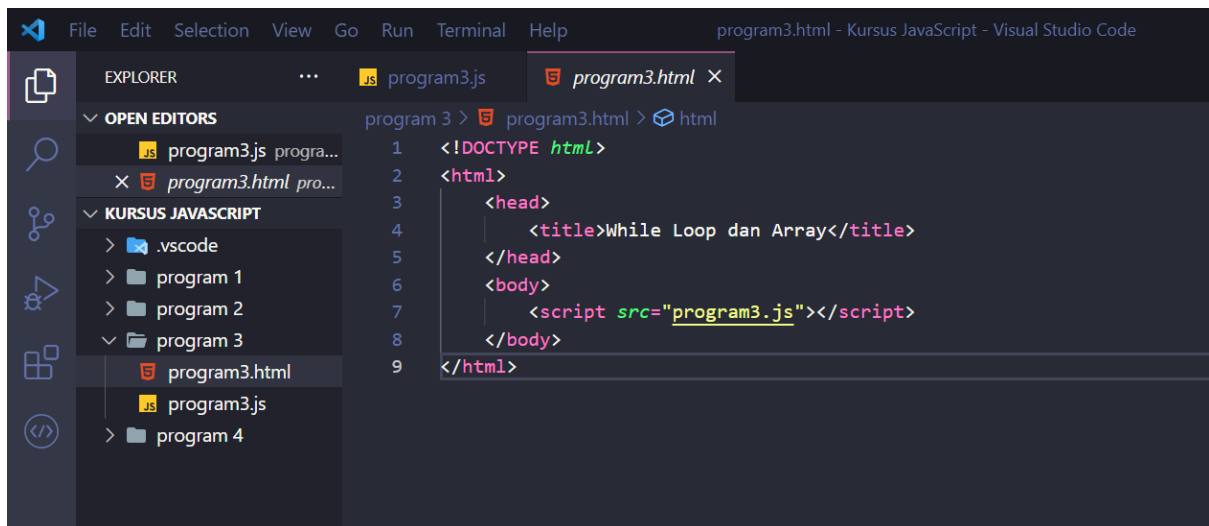
OUTPUT
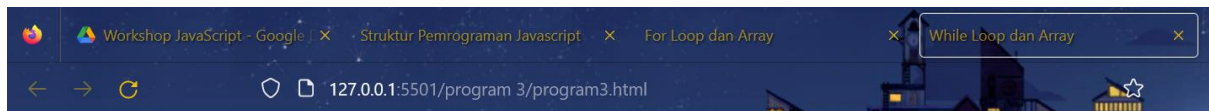
Pemisah Bilangan Ganjil dan Genap

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
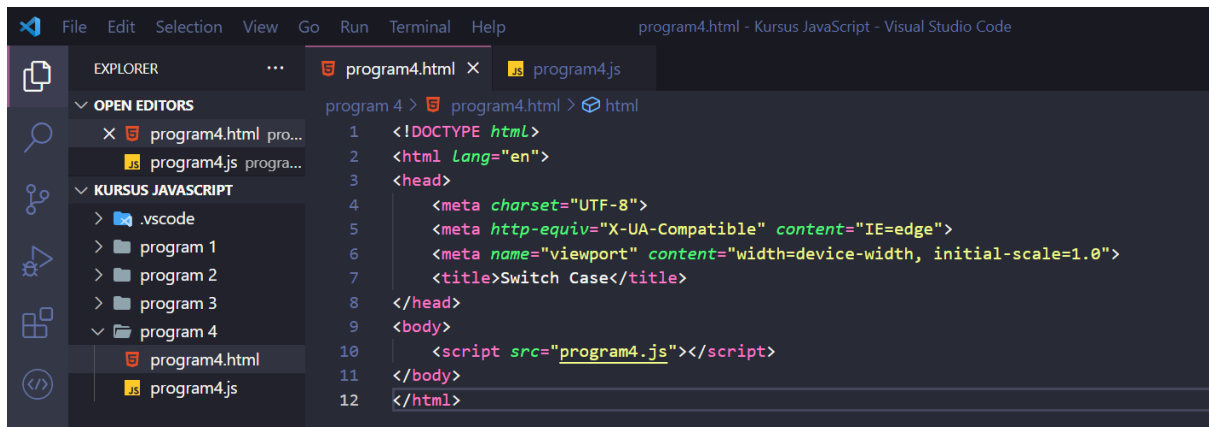
```javascript
switch (new Date().getDay()) {
    case 0:
        console.log("Sunday");
        break;
    case 1:
        console.log("Monday");
        break;
    case 2:
        console.log("Tuesday");
        break;
    case 3:
        console.log("Wednesday");
        break;
    case 4:
        console.log("Thursday");
        break;
    case 5:
        console.log("Friday");
        break;
    case 6:
        console.log("Saturday");
        break;
    default:
        console.log("Where are you living!?");
}
```

Output

Friday   program4.js:18:17