

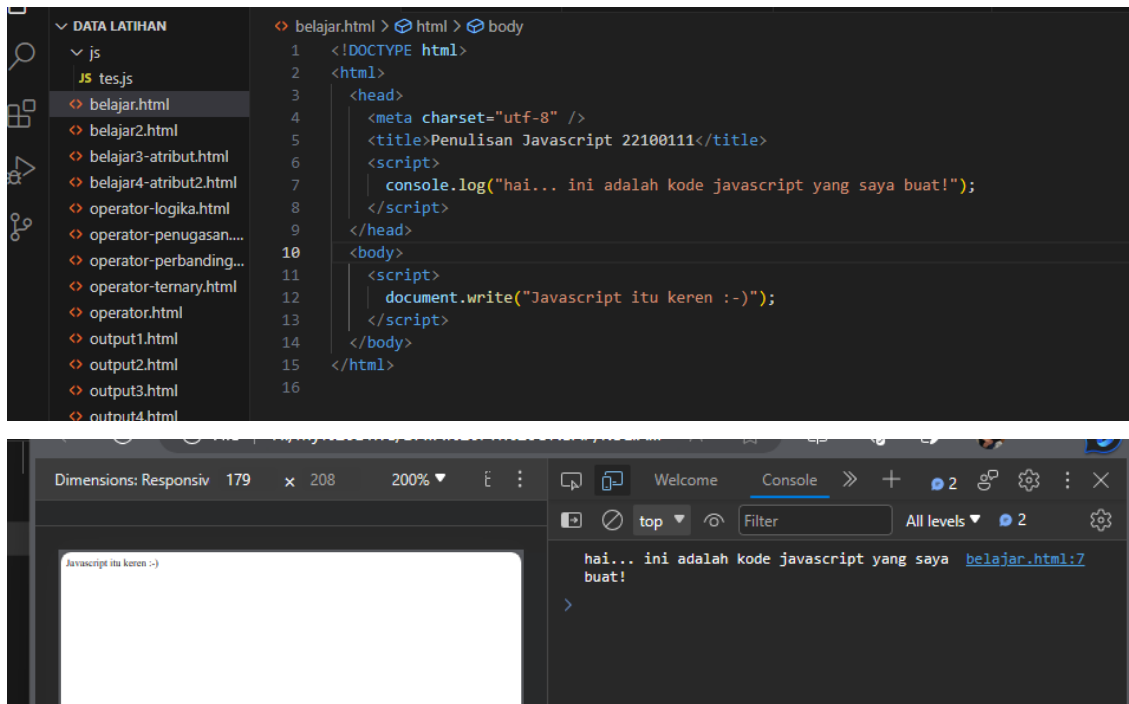
NAMA : RIFKI MAULANA

KELAS : TI VC

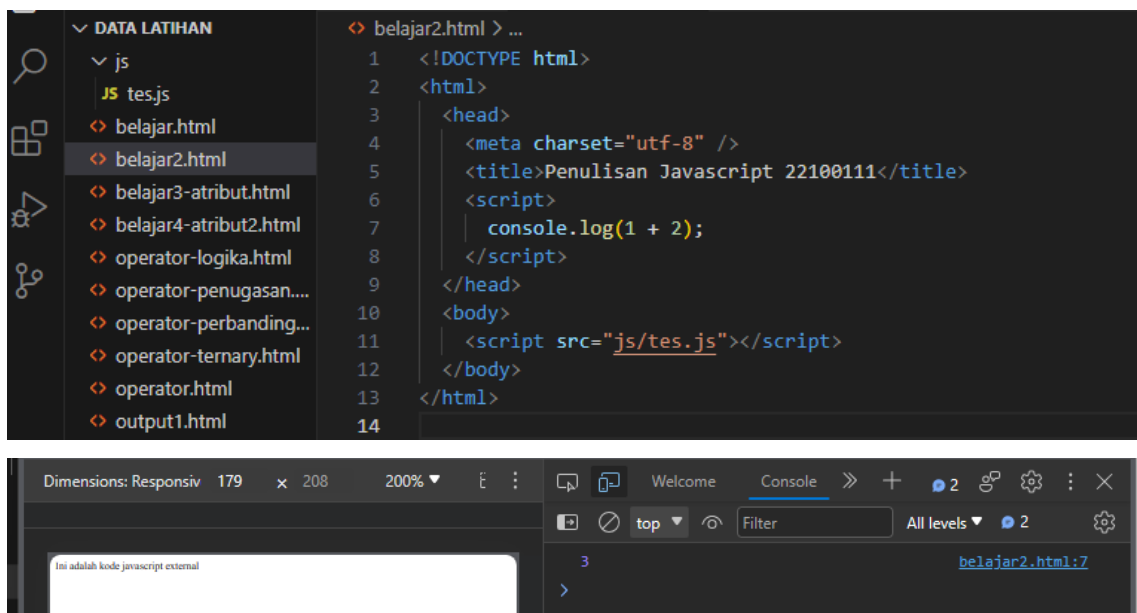
NIM : A2.2100111

**MP. PENGEMBANGAN APLIKASI PLATFORM KHUSUS | HASIL PEMBELAJARAN
MODUL 2 PERTEMUAN 2**

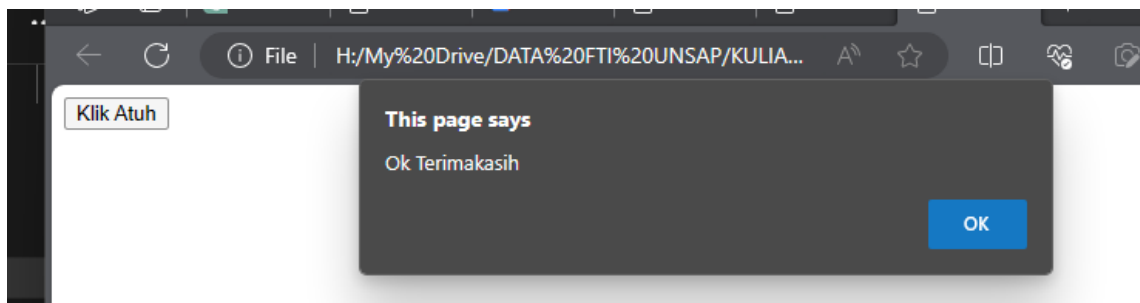
1.



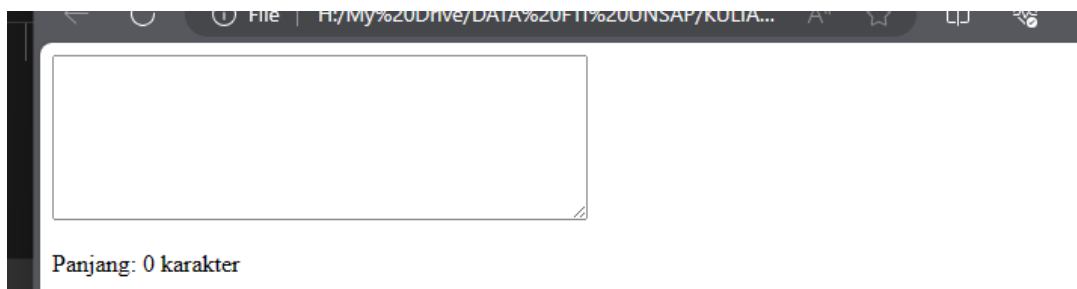
2.



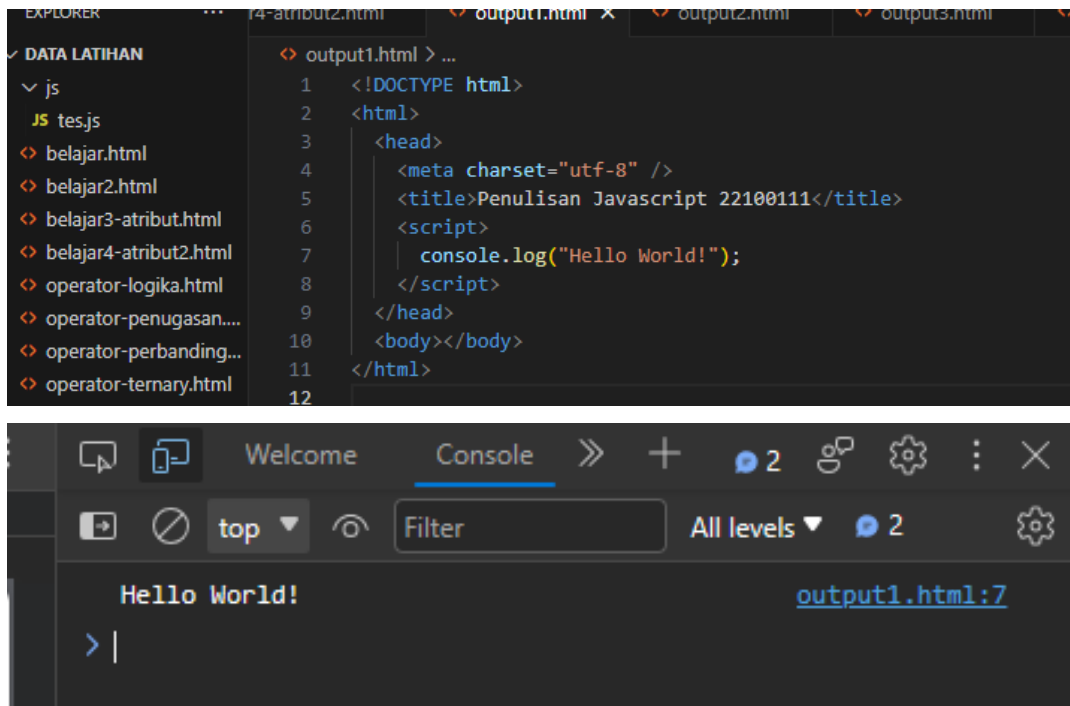
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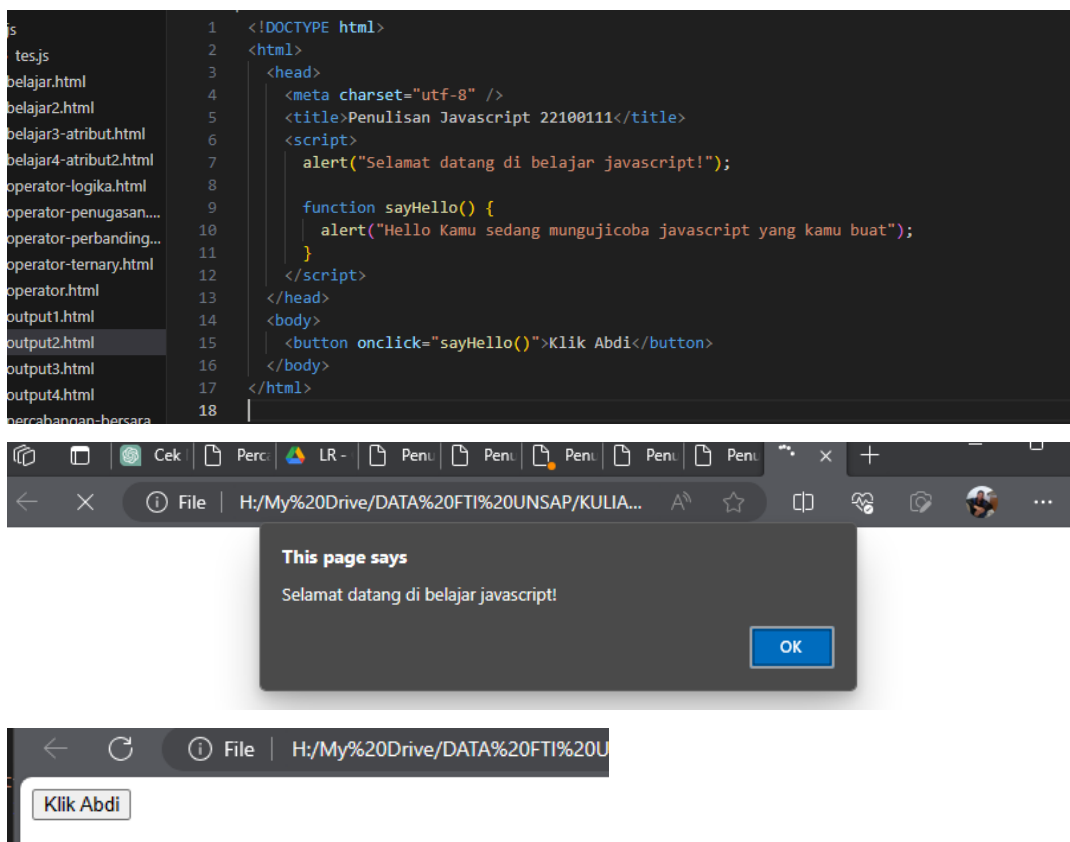


The screenshot shows the VS Code editor with a file named `output1.html` open. The file contains the following HTML and JavaScript code:

```
1 <!DOCTYPE html>
2 <html>
3   <head>
4     <meta charset="utf-8" />
5     <title>Penulisan Javascript 22100111</title>
6     <script>
7       console.log("Hello World!");
8     </script>
9   </head>
10  <body></body>
11 </html>
12
```

The Chrome DevTools Console is open, showing the output of the `console.log` statement: `Hello World!` at `output1.html:7`.

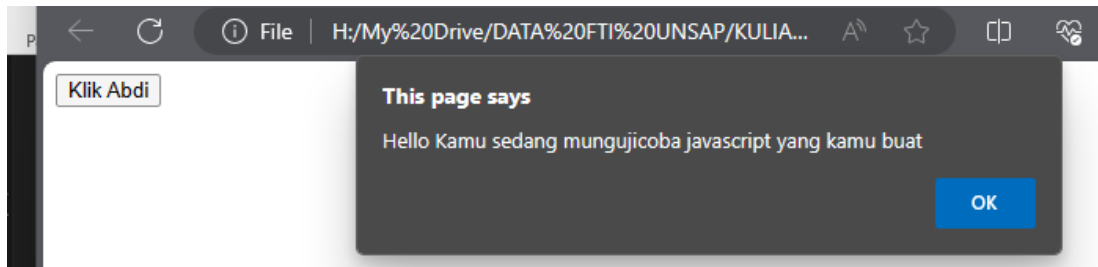
6.



The screenshot shows the VS Code editor with a file named `output2.html` open. The file contains the following HTML and JavaScript code:

```
1 <!DOCTYPE html>
2 <html>
3   <head>
4     <meta charset="utf-8" />
5     <title>Penulisan Javascript 22100111</title>
6     <script>
7       alert("Selamat datang di belajar javascript!");
8
9       function sayHello() {
10         alert("Hello Kamu sedang mungujicoba javascript yang kamu buat");
11       }
12     </script>
13   </head>
14   <body>
15     <button onclick="sayHello()">Klik Abdi</button>
16   </body>
17 </html>
18
```

The browser window shows the alert message: `Selamat datang di belajar javascript!` with an `OK` button.

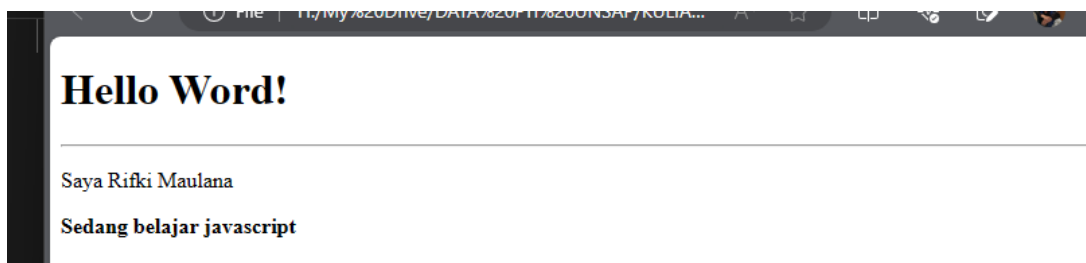


7.

```

1  <!DOCTYPE html>
2  <html>
3    <head>
4      <meta charset="utf-8" />
5      <title>Penulisan Javascript 22100111</title>
6      <script>
7        document.write("<h1>Hello Word!</h1>");
8        document.write("<hr>");
9        document.write("<p>Saya Rifki Maulana</p>");
10       document.write("<b>Sedang belajar javascript</b>");
11     </script>
12   </head>
13   <body></body>
14 </html>
15

```



8.

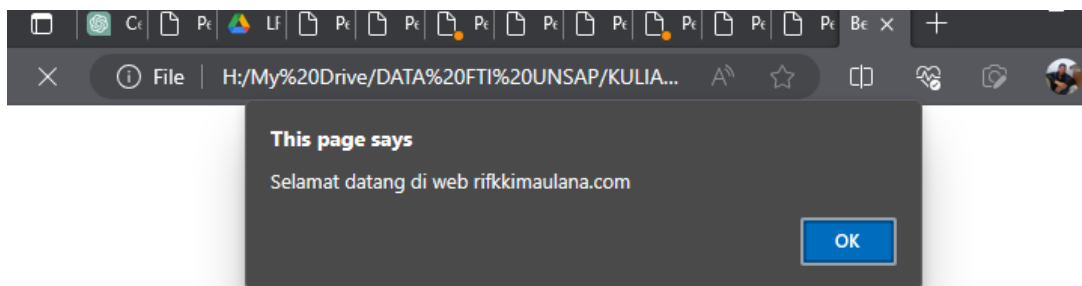
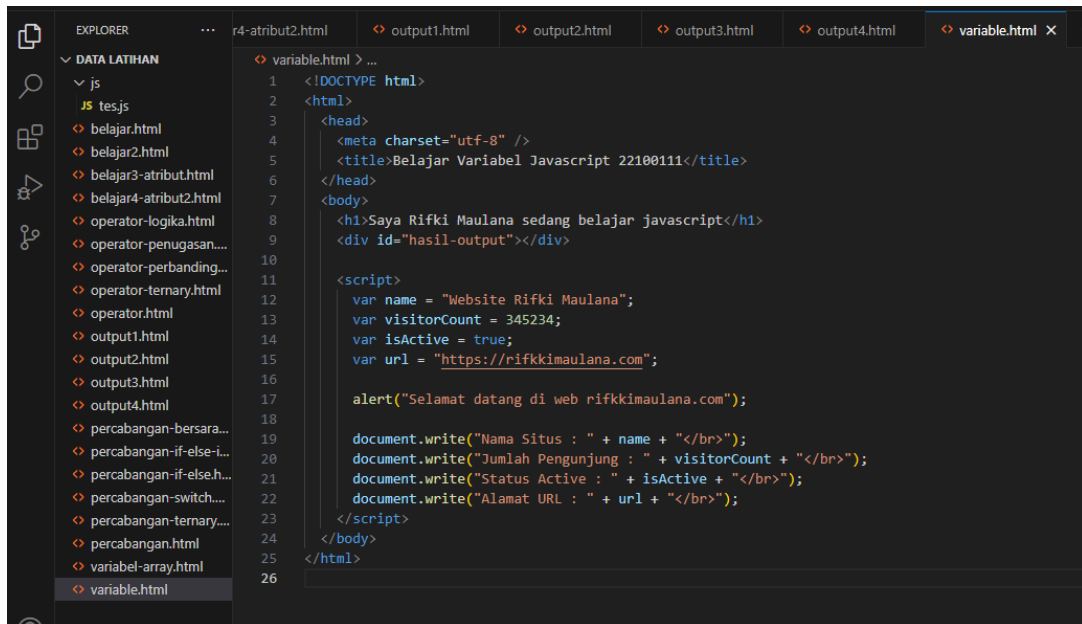
```

ATA LATIHAN
js
tes.js
belajar.html
belajar2.html
belajar3-atribut.html
belajar4-atribut2.html
operator-logika.html
operator-penugasan....
operator-perbanding...
operator-ternary.html
operator.html
output1.html
output2.html
output3.html
output4.html
< output4.html > ...
1  <!DOCTYPE html>
2  <html>
3    <head>
4      <meta charset="utf-8" />
5      <title>Penulisan Javascript 22100111</title>
6    </head>
7    <body>
8      <h1>Saya Rifki Maulana sedang belajar javascript</h1>
9      <div id="hasil-output"></div>
10
11     <script>
12       var hasil = document.getElementById("hasil-output");
13
14       hasil.innerHTML = "<p> Aku sangat suka javascript</p>";
15     </script>
16   </body>
17 </html>
18

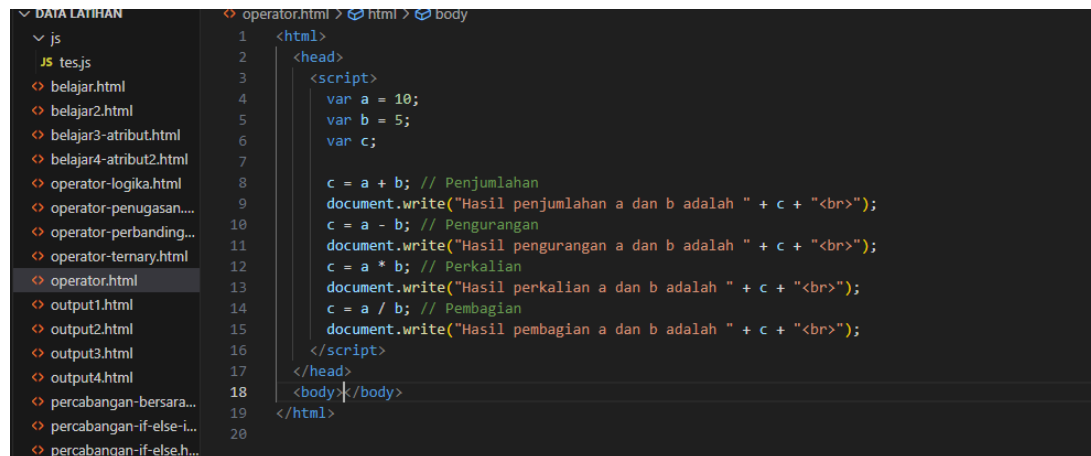
```



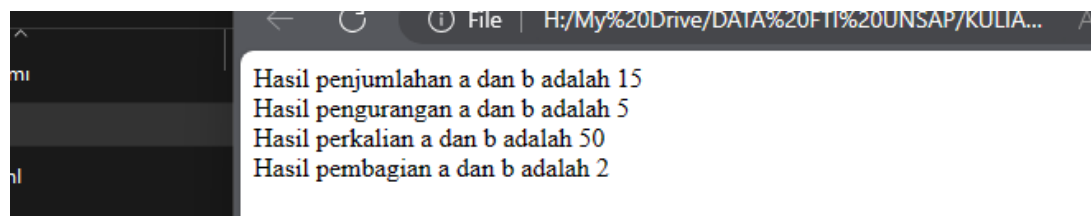
9.



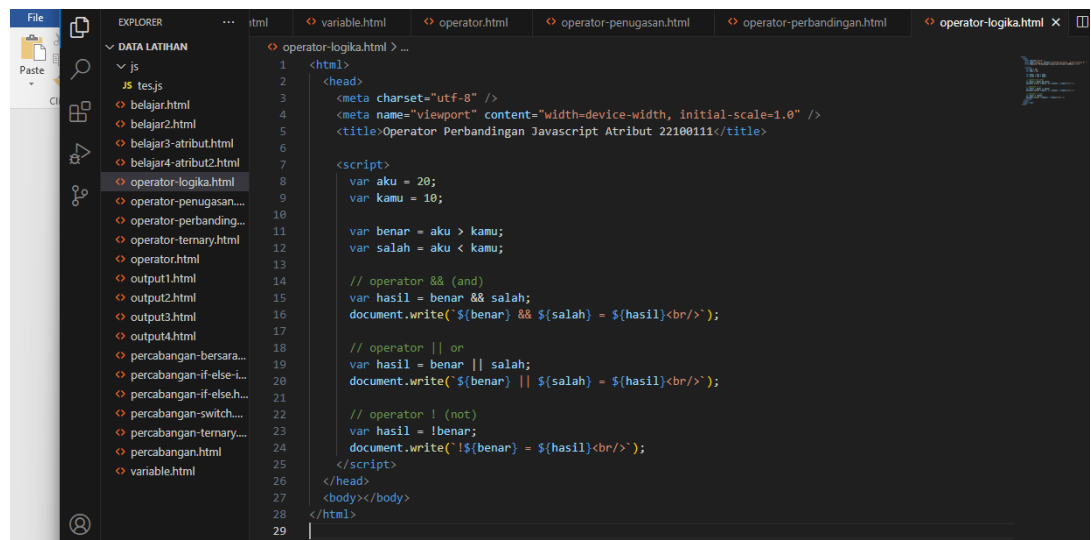
10. Operator



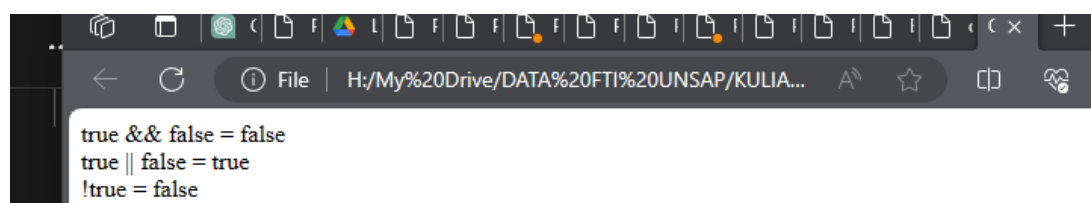
```
1 <html>
2 <head>
3   <script>
4     var a = 10;
5     var b = 5;
6     var c;
7
8     c = a + b; // Penjumlahan
9     document.write("Hasil penjumlahan a dan b adalah " + c + "<br>");
10    c = a - b; // Pengurangan
11    document.write("Hasil pengurangan a dan b adalah " + c + "<br>");
12    c = a * b; // Perkalian
13    document.write("Hasil perkalian a dan b adalah " + c + "<br>");
14    c = a / b; // Pembagian
15    document.write("Hasil pembagian a dan b adalah " + c + "<br>");
16  </script>
17 </head>
18 <body></body>
19 </html>
```



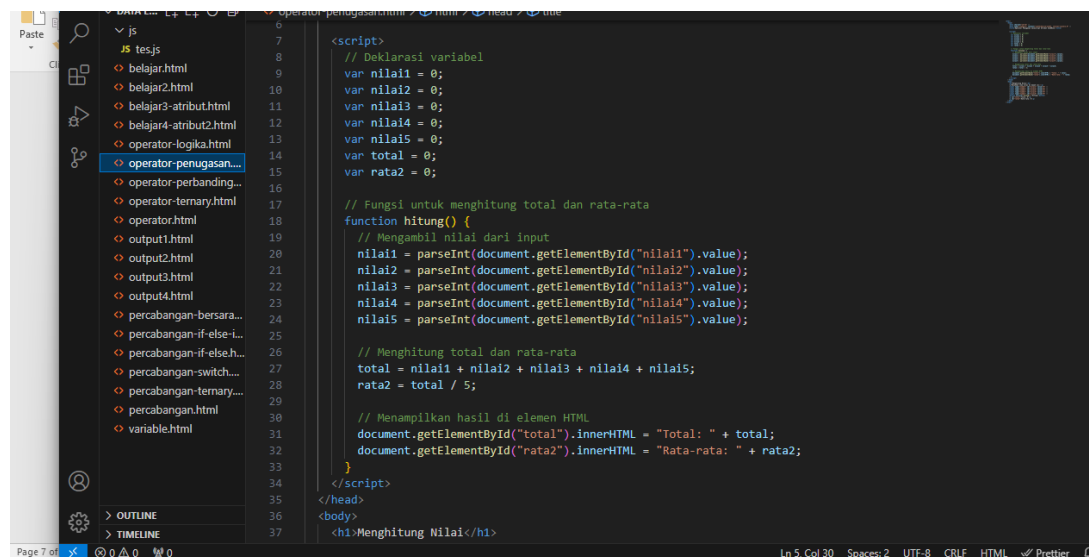
11. Operator Logika



```
1 <html>
2 <head>
3   <meta charset="utf-8" />
4   <meta name="viewport" content="width=device-width, initial-scale=1.0" />
5   <title>Operator Perbandingan Javascript Atribut 22100111</title>
6
7   <script>
8     var aku = 20;
9     var kamu = 10;
10
11     var benar = aku > kamu;
12     var salah = aku < kamu;
13
14     // operator && (and)
15     var hasil = benar && salah;
16     document.write(`${benar} && ${salah} = ${hasil}<br>`);
17
18     // operator || (or)
19     var hasil = benar || salah;
20     document.write(`${benar} || ${salah} = ${hasil}<br>`);
21
22     // operator ! (not)
23     var hasil = !benar;
24     document.write(`${!benar} = ${hasil}<br>`);
25   </script>
26 </head>
27 <body></body>
28 </html>
```



12. Operator Penugasan

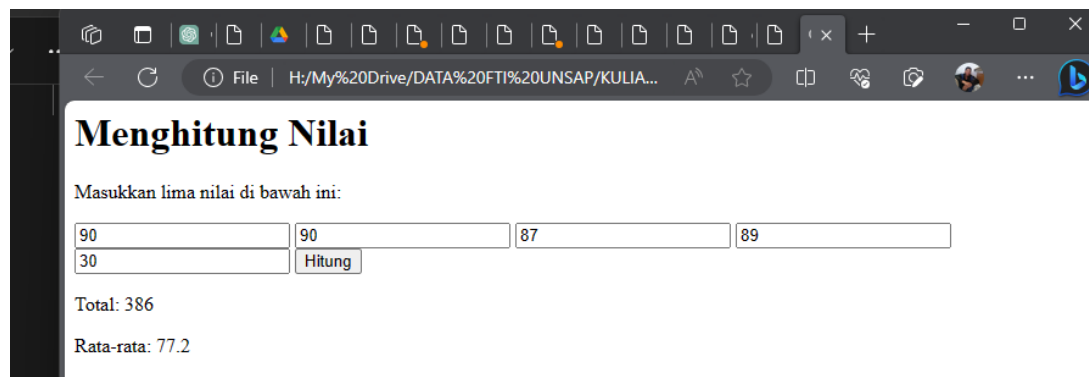


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<script>
// Deklarasi variabel
var nilai1 = 0;
var nilai2 = 0;
var nilai3 = 0;
var nilai4 = 0;
var nilai5 = 0;
var total = 0;
var rata2 = 0;

// Fungsi untuk menghitung total dan rata-rata
function hitung() {
// Mengambil nilai dari input
nilai1 = parseInt(document.getElementById("nilai1").value);
nilai2 = parseInt(document.getElementById("nilai2").value);
nilai3 = parseInt(document.getElementById("nilai3").value);
nilai4 = parseInt(document.getElementById("nilai4").value);
nilai5 = parseInt(document.getElementById("nilai5").value);

// Menghitung total dan rata-rata
total = nilai1 + nilai2 + nilai3 + nilai4 + nilai5;
rata2 = total / 5;

// Menampilkan hasil di elemen HTML
document.getElementById("total").innerHTML = "Total: " + total;
document.getElementById("rata2").innerHTML = "Rata-rata: " + rata2;
}
</script>
</head>
<body>
<h1>Menghitung Nilai</h1>
```



Menghitung Nilai

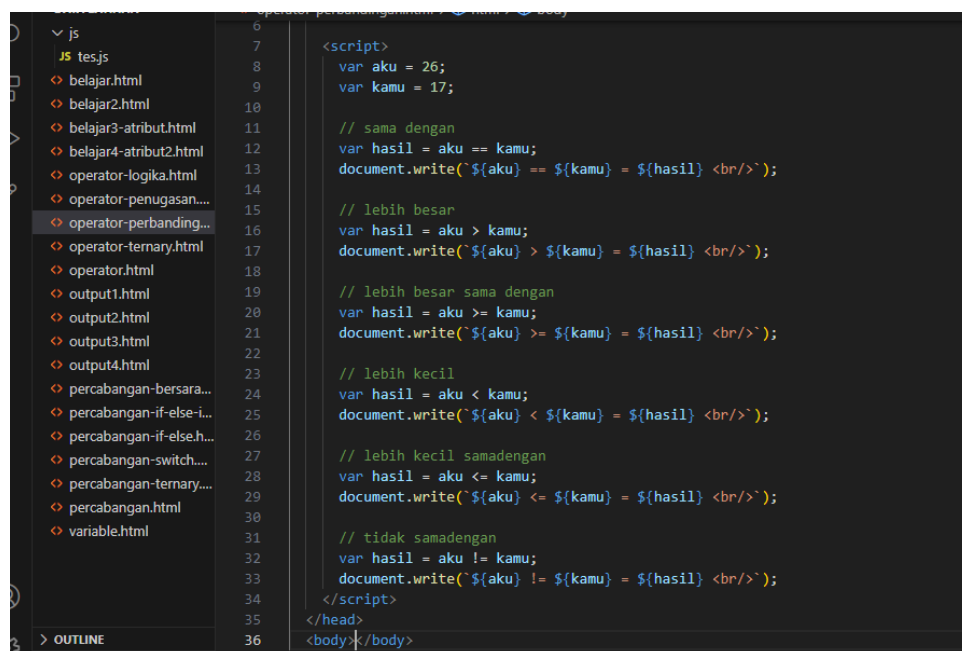
Masukkan lima nilai di bawah ini:

90	90	87	89
30	Hitung		

Total: 386

Rata-rata: 77.2

13. Operator Perbandingan



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<script>
var aku = 26;
var kamu = 17;

// sama dengan
var hasil = aku == kamu;
document.write(`${aku} == ${kamu} = ${hasil} <br/>`);

// lebih besar
var hasil = aku > kamu;
document.write(`${aku} > ${kamu} = ${hasil} <br/>`);

// lebih besar sama dengan
var hasil = aku >= kamu;
document.write(`${aku} >= ${kamu} = ${hasil} <br/>`);

// lebih kecil
var hasil = aku < kamu;
document.write(`${aku} < ${kamu} = ${hasil} <br/>`);

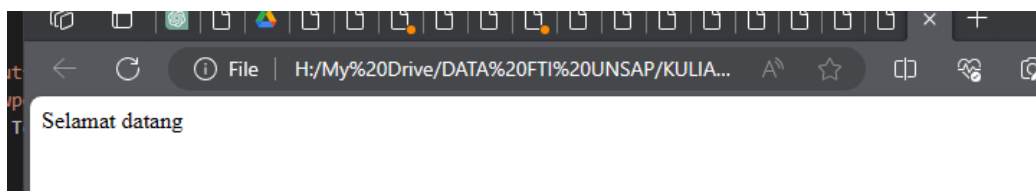
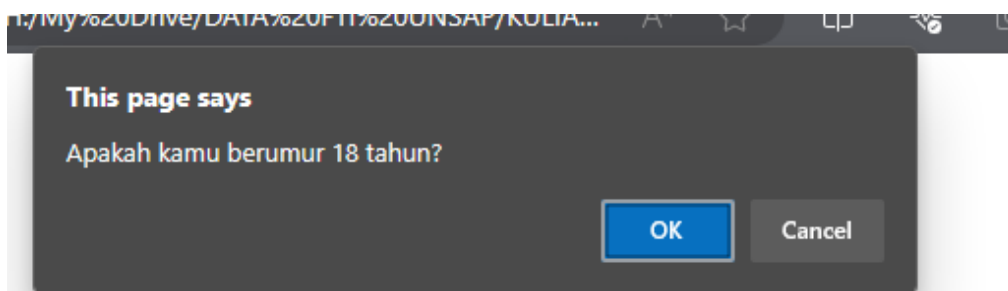
// lebih kecil samadengan
var hasil = aku <= kamu;
document.write(`${aku} <= ${kamu} = ${hasil} <br/>`);

// tidak samadengan
var hasil = aku != kamu;
document.write(`${aku} != ${kamu} = ${hasil} <br/>`);
</script>
</head>
<body>
```

```
26 == 17 = false
26 > 17 = true
26 >= 17 = true
26 < 17 = false
26 <= 17 = false
26 != 17 = true
```

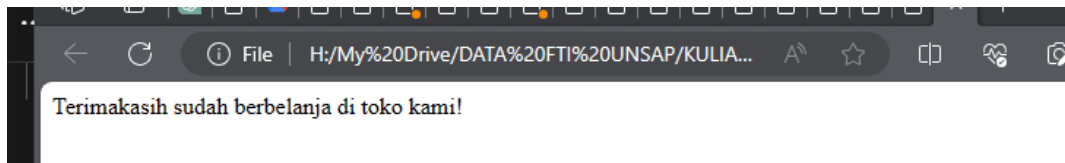
14. Operator Ternary

```
1 <html>
2 <head>
3   <meta charset="utf-8" />
4   <meta name="viewport" content="width=device-width, initial-scale=1.0" />
5   <title>Operator Ternary Javascript Atribut 22100111</title>
6
7   <script>
8     var pertanyaan = confirm("Apakah kamu berumur 18 tahun?");
9
10    var hasil = pertanyaan
11      ? "Selamat datang"
12      : "Kamu tidak boleh melihat halaman ini!";
13    document.write(hasil);
14  </script>
15 </head>
16 <body></body>
17 </html>
18
```



15. Percabangan

```
1 <html>
2 <head>
3   <meta charset="utf-8" />
4   <meta name="viewport" content="width=device-width, initial-scale=1.0" />
5   <title>Operator Ternary Javascript Atribut 22100111</title>
6
7   <script>
8     var totalBelanja = prompt("Total Belanja", 0);
9
10    if (totalBelanja > 100000) {
11      document.write("<h2>Selamat datang anda dapat hadiah</h2>");
12    }
13
14    document.write("<p> Terima kasih sudah berbelanja di toko kami!</p>");
15  </script>
16 </head>
17 <body></body>
18 </html>
19
```

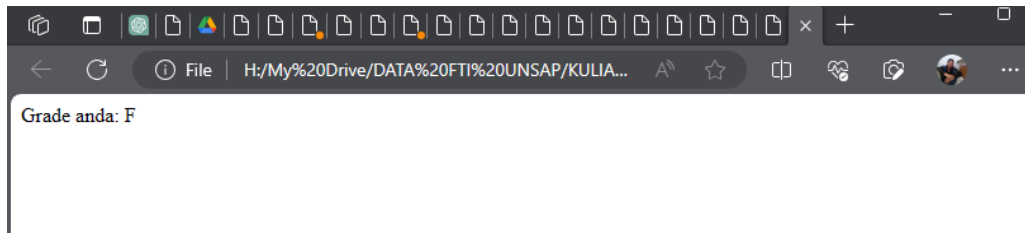
16. Percabangan Bersarang

```
1 <html>
2 <head>
3   <meta charset="utf-8" />
4   <meta name="viewport" content="width=device-width, initial-scale=1.0" />
5   <title>Percabangan IF ELSE IF 22100111</title>
6 </head>
7 <body>
8   <script>
9     var username = prompt("username");
10    var password = prompt("password");
11
12    if (username == "rifkkimaulana") {
13      if (password == "maulana") {
14        document.write('<h2> Selamat datang admin</h2>');
15      } else {
16        document.write(
17          '<h2> Password yang anda masukan salah, silahkan coba lagi.</h2>'
18        );
19      }
20    } else {
21      document.write(
22        '<h2> Akun anda tidak terdaftar, silahkan melakukan registrasi</h2>'
23      );
24    }
25  </script>
26 </body>
27 </html>
```

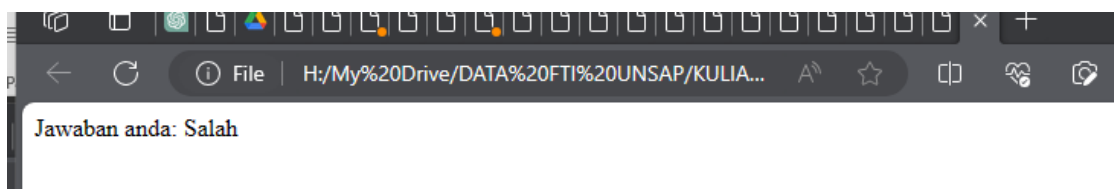
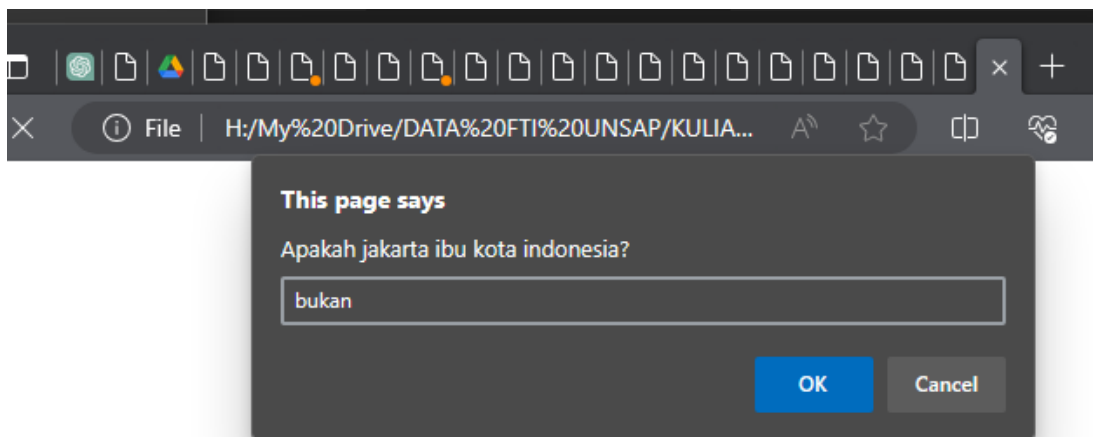
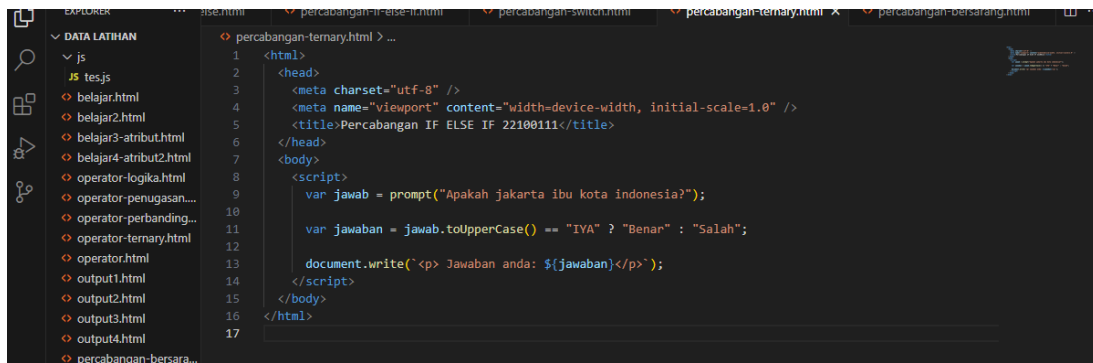


17. Percabangan Switch

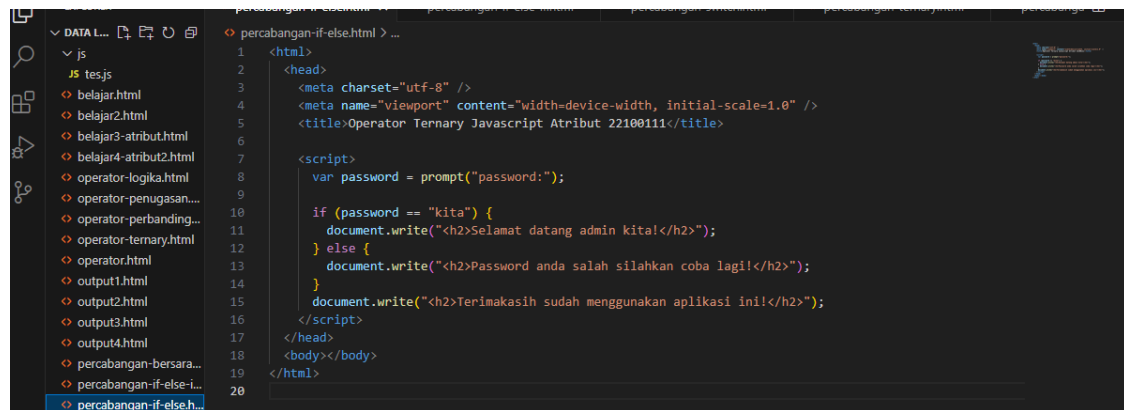
```
9 var nilai = prompt("Inputkan nilai akhir:");
10 var grade = "";
11
12 switch (true) {
13   case nilai >= 90:
14     grade = "A";
15     break;
16   case nilai >= 80:
17     grade = "B+";
18     break;
19   case nilai >= 70:
20     grade = "B";
21     break;
22   case nilai >= 60:
23     grade = "C+";
24     break;
25   case nilai >= 50:
26     grade = "C";
27     break;
28   case nilai >= 40:
29     grade = "D";
30     break;
31   case nilai >= 30:
32     grade = "E";
33     break;
34   default:
35     grade = "F";
36 }
37
38 document.write('<p> Grade anda: ${grade}</p>');
39 </script>
```



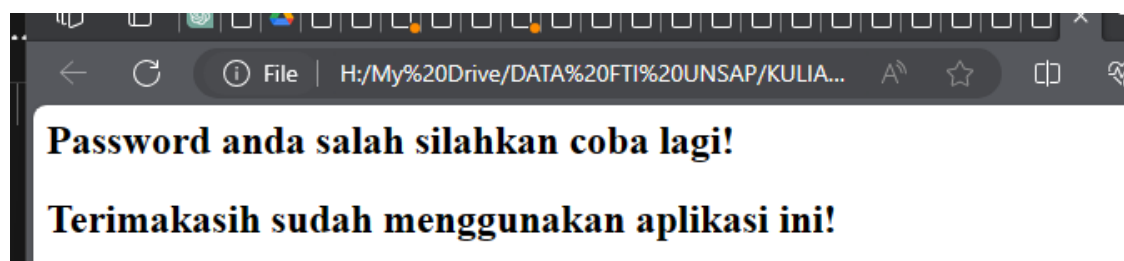
18. Percabangan ternary



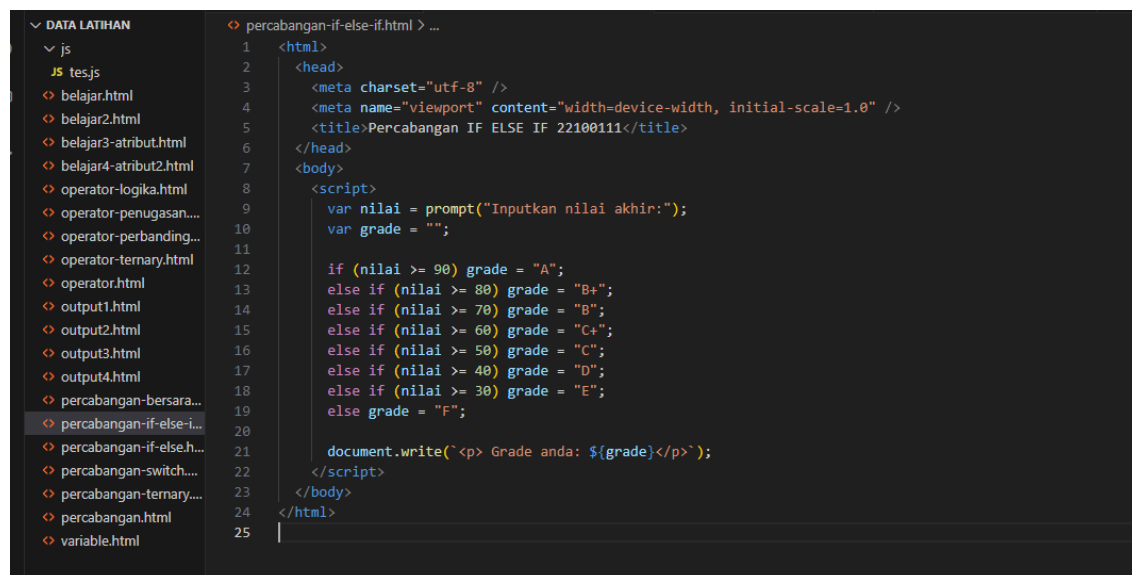
19. Pencabangan if else



```
1 <html>
2 <head>
3   <meta charset="utf-8" />
4   <meta name="viewport" content="width=device-width, initial-scale=1.0" />
5   <title>Operator Ternary Javascript Atribut 22100111</title>
6
7   <script>
8     var password = prompt("password:");
9
10    if (password == "kita") {
11      document.write("<h2>Selamat datang admin kita!</h2>");
12    } else {
13      document.write("<h2>Password anda salah silahkan coba lagi!</h2>");
14    }
15    document.write("<h2>Terimakasih sudah menggunakan aplikasi ini!</h2>");
16  </script>
17 </head>
18 <body></body>
19 </html>
20
```



20. Pencabangan if else if



```
1 <html>
2 <head>
3   <meta charset="utf-8" />
4   <meta name="viewport" content="width=device-width, initial-scale=1.0" />
5   <title>Percabangan IF ELSE IF 22100111</title>
6 </head>
7 <body>
8   <script>
9     var nilai = prompt("Inputkan nilai akhir:");
10    var grade = "";
11
12    if (nilai >= 90) grade = "A";
13    else if (nilai >= 80) grade = "B+";
14    else if (nilai >= 70) grade = "B";
15    else if (nilai >= 60) grade = "C+";
16    else if (nilai >= 50) grade = "C";
17    else if (nilai >= 40) grade = "D";
18    else if (nilai >= 30) grade = "E";
19    else grade = "F";
20
21    document.write("<p> Grade anda: ${grade}</p>");
22  </script>
23 </body>
24 </html>
25
```

