

LAPORAN PRAKTIKUM
PEMROGRAMAN WEBSITE

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UNIVERSITAS PGRI MADIUN

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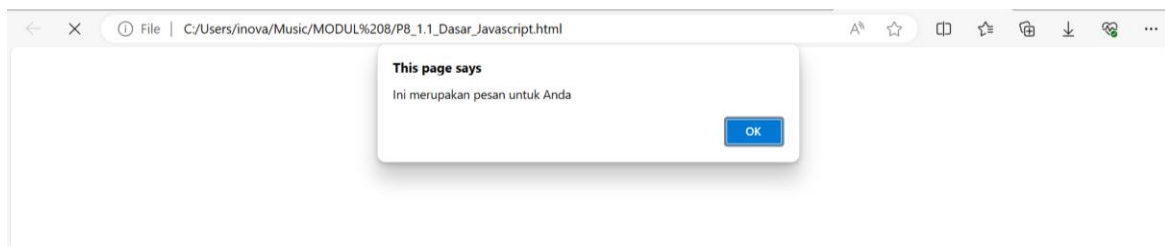
MODUL 8

JAVA SCRIPT

1.1 Pemakaian Alet sebagai Property Window

```
<!DOCTYPE html>
<html>
<head>
  <title>Alert Box</title>
</head>
<body>
  <!--1.Pemakaian Alert sebagai Property Window-->
  <script language="Javascript">
    window.alert("Ini merupakan pesan untuk Anda");
  </script>
</body>
</html>
```

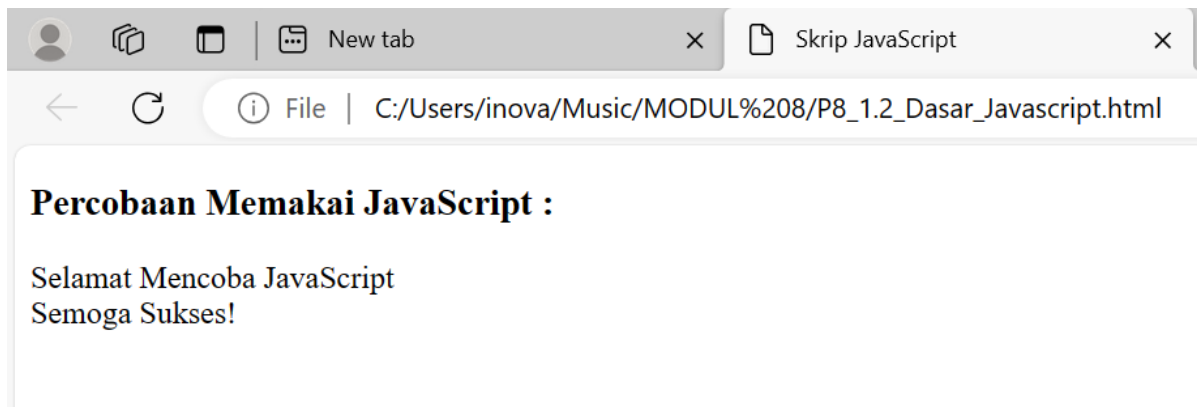
Berikut hasil screenshoot:



1.2 Pemakaian Metode dalam Objek

```
<!DOCTYPE html>
<html>
<head>
  <title>Skrip JavaScript</title>
</head>
<body>
  <!--2.Pemakaian Metode dalam Objek-->
  <h3>Percobaan Memakai JavaScript : <BR> </h1>
  <script language="Javascript">
    document.write("Selamat Mencoba JavaScript <BR>");
    document.write("Semoga Sukses!");
  </script>
</body>
</html>
```

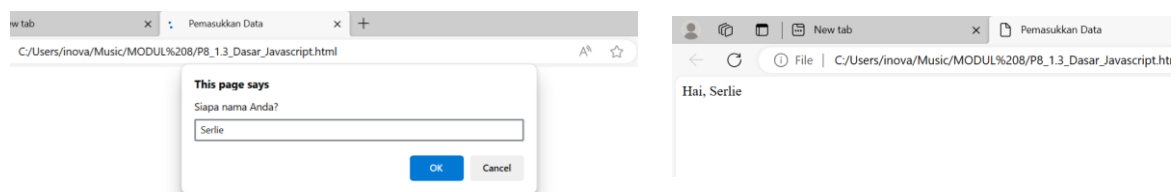
Berikut hasil screenshoot:



1.3 Pemakaian Prompt

```
<!DOCTYPE html>
<html>
<head>
  <title>Pemasukkan Data</title>
</head>
<body>
  <!--3.Pemakaian Pormpt-->
  <script language="Javascript">
    var nama = prompt("Siapa nama Anda?","Masukkan nama Anda");
    document.write("Hai, " + nama);
  </script>
</body>
</html>
```

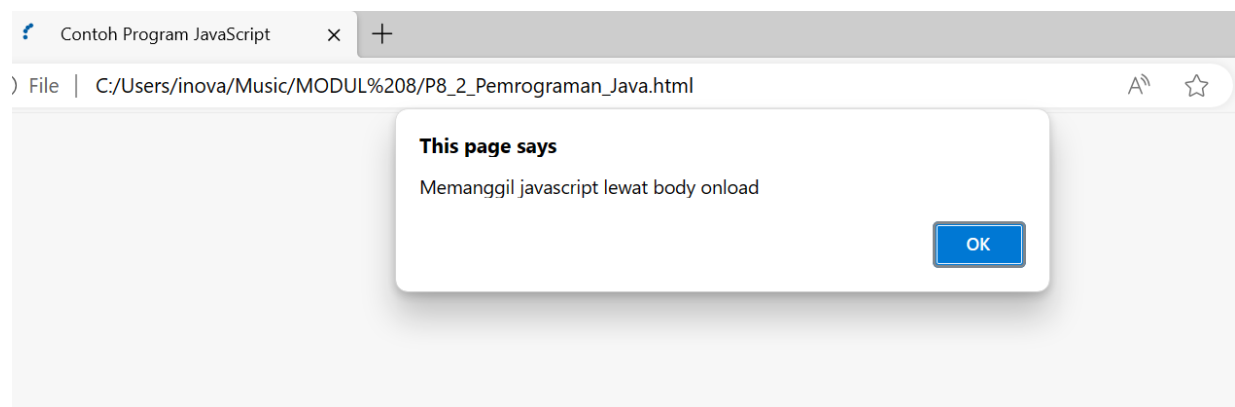
Berikut hasil screenshoot:



2. Pemrograman di Java Script

```
<!--Pemograman di Java Scripts-->
<!DOCTYPE html>
<html>
<head>
  <title>Contoh Program JavaScript</title>
</head>
  <script language="Javascript">
    function pesan(){
      alert("Memanggil javascript lewat body onload")
    }
  </script>
<body onload=pesan()>
</body>
</html>
```

Berikut hasil screenshoot:



3. Operasi Aritmatika

```
<!--Operasi Dasar Aritmatika-->
<!DOCTYPE html>
<html>
<head>
  <title>Contoh Program JavaScript</title>
</head>
  <script language="Javascript">
    function test(val1, val2){
      document.write("<br>"+"Perkalian : val1*val2"+"<br>")
      document.write(val1*val2)

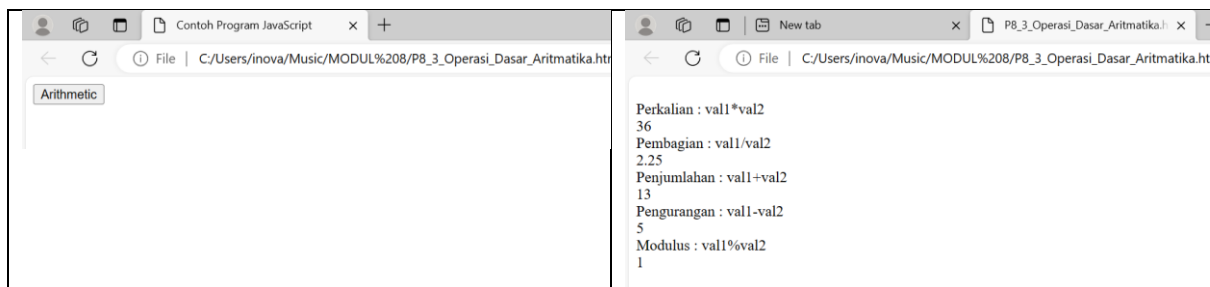
      document.write("<br>"+"Pembagian : val1/val2"+"<br>")
      document.write(val1/val2)

      document.write("<br>"+"Penjumlahan : val1+val2"+"<br>")
      document.write(val1+val2)

      document.write("<br>"+"Pengurangan : val1-val2"+"<br>")
      document.write(val1-val2)

      document.write("<br>"+"Modulus : val1%val2"+"<br>")
      document.write(val1%val2)
    }
  </script>
<body>
  <input type="button" name="button1" value="Arithmetic" onclick=test(9,4)>
</body>
</html>
```

Berikut hasil screenshoot:



4. Operasi Relasional

```
<!--Operasi Relational-->
<!DOCTYPE html>
<html>
<head>
  <title>Contoh Program JavaScript</title>
</head>
  <script language="Javascript">
    function test(){
      val1=window.prompt("Nilai I :")
      val2=window.prompt("Nilai II :")

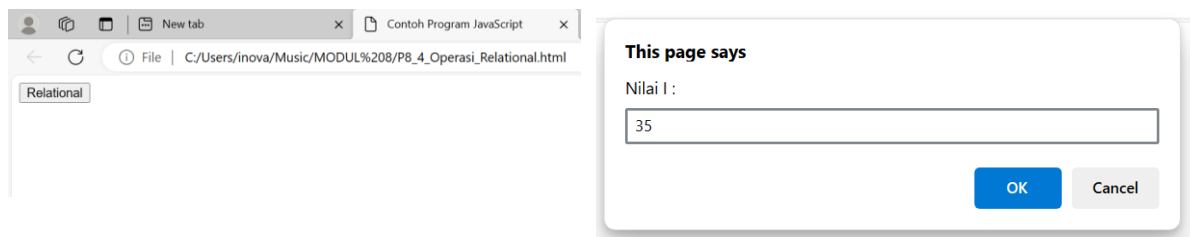
      document.write("<br>"+"val1==val2"+"<br>")
      document.write(val1==val2)

      document.write("<br>"+"val1!=val2"+"<br>")
      document.write(val1!=val2)

      document.write("<br>"+"val1>val2"+"<br>")
      document.write(val1>val2)

      document.write("<br>"+"val1<val2"+"<br>")
      document.write(val1<val2)
    }
  </script>
<body>
  <input type="button" name="button1" value="Relational" onclick=test()>
</body>
</html>
```

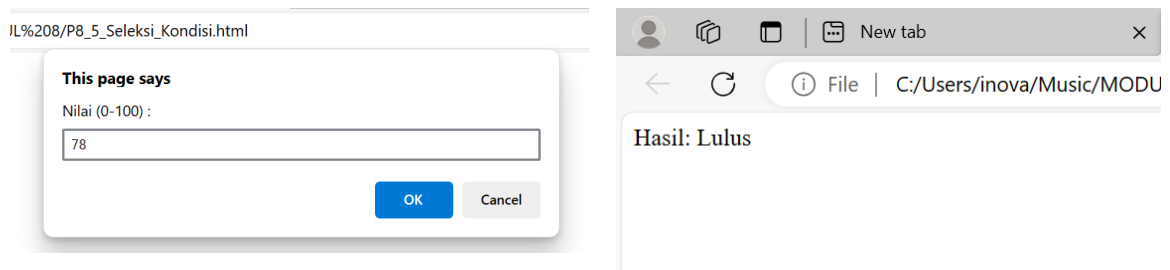
Berikut hasil screenshoot:



5. Seleksi Kondisi if else

```
<!--Seleksi Kondisi (if...else)-->
<!DOCTYPE html>
<html>
<head>
  <title>Contoh If-Else</title>
</head>
<body>
  <script language="Javascript">
    var nilai = prompt("Nilai (0-100) :", 0);
    var hasil = "";
    if (nilai >= 60)
      hasil = "Lulus";
    else
      hasil = "Tidak Lulus";
    document.write("Hasil: " + hasil);
  </script>
</body>
</html>
```

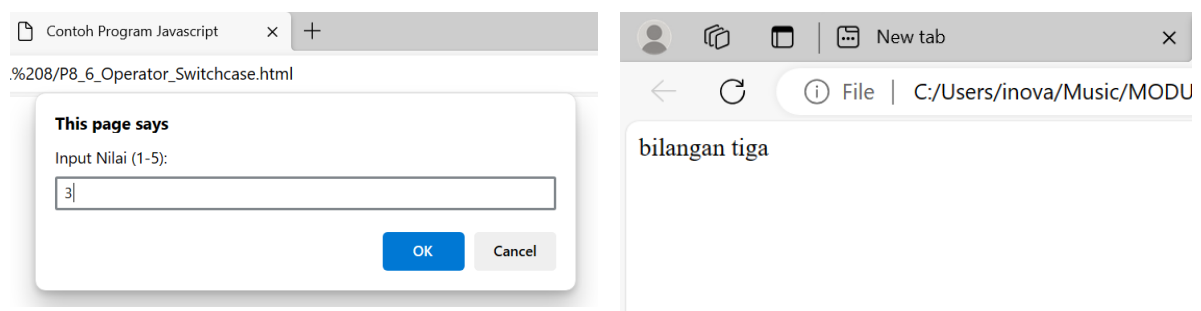
Berikut hasil screenshoot:



6. Penggunaan Operator Switch untuk seleksi kondisi

```
<!--Penggunaan Operator Switch untuk seleksi kondisi-->
<!DOCTYPE html>
<html>
<head>
  <title>Contoh Program Javascript</title>
</head>
  <script language="Javascript">
    function test(){
      val1=window.prompt("Input Nilai (1-5): ")
      switch (val1){
        case "1" :
          document.write("bilangan satu")
          break
        case "2" :
          document.write("bilangan dua")
          break
        case "3" :
          document.write("bilangan tiga")
          break
        case "4" :
          document.write("bilangan empat")
          break
        case "5" :
          document.write("bilangan lima")
          break
        default :
          document.write("bilangan lainnya")
      }
    }
  </script>
<body>
<input type="button" name="button1" value="Switch" onclick=test()>
</body>
</html>
```

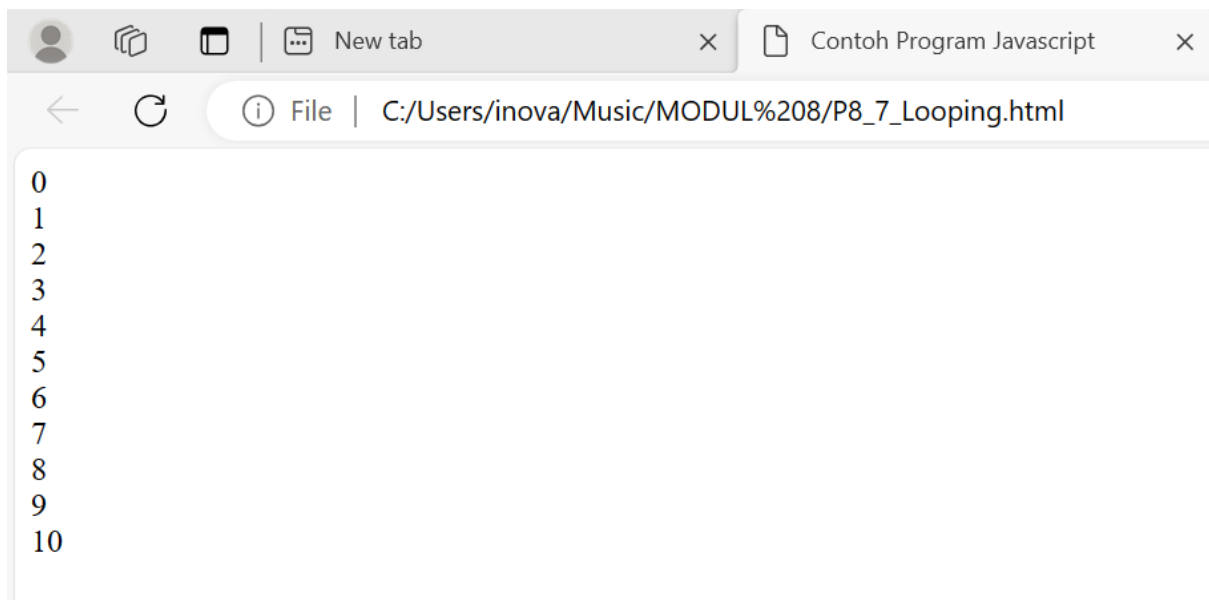
Berikut hasil screenshoot:



7. Pemakaian Looping for

```
<!--Pemakaian Looping <for>-->
<!DOCTYPE html>
<html>
<head>
  <title>Contoh Program Javascript</title>
</head>
<body>
  <script language="Javascript">
    for (x=0;x<=10;x++)
      document.write(x+"<br>")
  </script>
</body>
</html>
```

Berikut hasil screenshoot:



8. Pemakaian Looping do while

```
<!--Pemakaian Looping <do...while>-->
<!DOCTYPE html>
<html>
<head>
  <title>Contoh Program Javascript</title>
</head>
<body>
  <script>
    var x = 10;
    do {
      document.write(x + "<br>");
      x++;
    } while (x <= 10);
  </script>
</body>
</html>
```

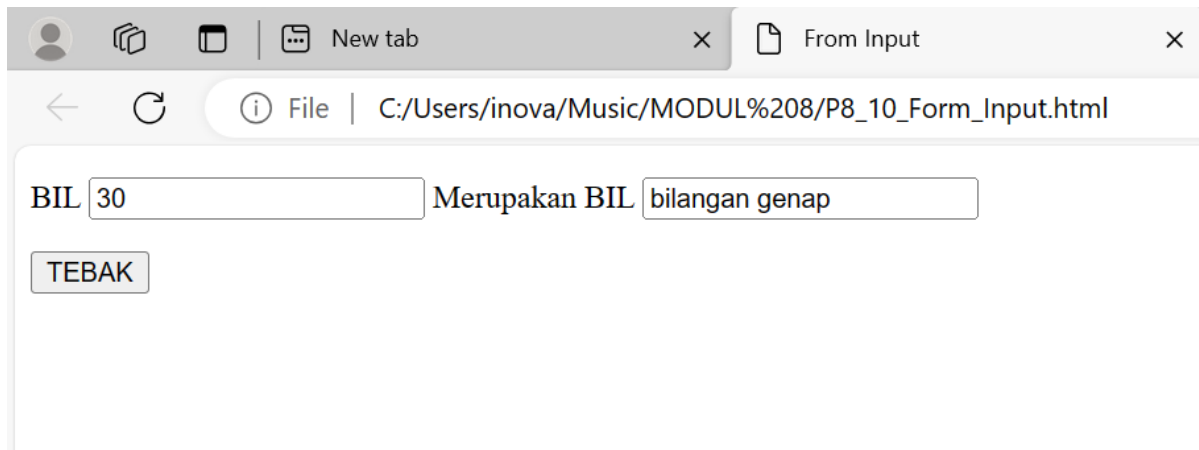
9. Pemakaian Looping while

```
<!--Pemakaian Looping <while>-->
<!DOCTYPE html>
<html>
<head>
  <title>Contoh Program Javascript</title>
</head>
<body>
  <script>
    var x = 1;
    while (x <= 10){
      document.write(x + "<br>");
      x++;
    }
  </script>
</body>
</html>
```

10. Form Input

```
<!--1.Form Input-->
<!DOCTYPE html>
<html>
<head>
  <title>From Input</title>
</head>
  <script language="Javascript">
    function test (){
      var val1=document.kirim.T1.value
      if (val1%2==0)
        document.kirim.T2.value="bilangan genap"
      else
        document.kirim.T2.value="bilangan ganjil"
    }
  </script>
<body>
  <form method="POST" name="kirim">
    <p>BIL <input type="text" name="T1" size="20"> Merupakan BIL <input
type="text" name="T2" size="20"></p>
    <p><input type="button" value="TEBAK" name="B1" onclick="test()"></p>
  </form>
</body>
</html>
```

Berikut hasil screenshoot:



The screenshot shows a web browser window with a single tab titled "From Input". The address bar displays the file path: "C:/Users/inova/Music/MODUL%208/P8_10_Form_Input.html". The page content shows a form with two text input fields and a button. The first text field is labeled "BIL" and contains the value "30". The second text field is labeled "Merupakan BIL" and contains the value "bilangan genap". Below these fields is a button labeled "TEBAK".

11. Form button

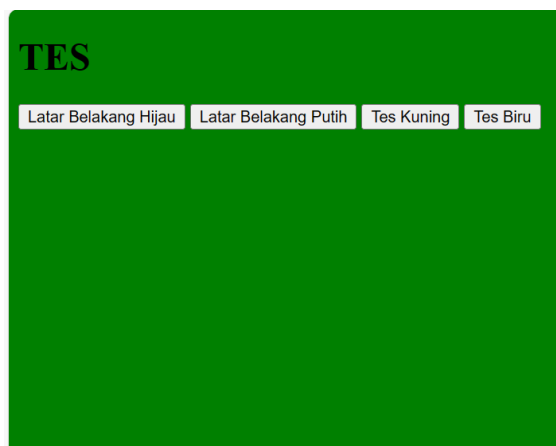
```
<!--2. Form Button-->
<!DOCTYPE html>
<html>
<head>
  <title>Form Button - Objek Document</title>
</head>
<body>
  <script>
    function ubahWarnaLB(warna) {
      document.body.style.backgroundColor = warna;
    }

    function ubahWarnaLD(warna) {
      document.body.style.color = warna;
    }
  </script>

  <h1>TES</h1>

  <form>
    <input type="button" value="Latar Belakang Hijau"
onclick="ubahWarnaLB('green')">
    <input type="button" value="Latar Belakang Putih"
onclick="ubahWarnaLB('white')">
    <input type="button" value="Tes Kuning"
onclick="ubahWarnaLD('yellow')">
    <input type="button" value="Tes Biru" onclick="ubahWarnaLD('blue')">
  </form>
</body>
</html>
```

Berikut hasil screenshoot:



Tugas 1

```
<!DOCTYPE html>
<html>
<head>
  <title>Konversi Nilai Angka ke Huruf</title>
  <style>
    body {
      font-family: Arial, sans-serif;
      text-align: center;
      padding: 20px;
      background-image: url(gbr1.jpg);
      background-size: cover;
    }
    h2 {
      font-style: oblique;
      font-family: 'Franklin Gothic Medium', 'Arial Narrow', Arial,
sans-serif;
      color: brown;
    }
  </style>
</head>
<body>
  <h2>Konversi Nilai Angka ke Huruf</h2>

  <label for="nilai"><b>Masukkan nilai angka:</b></label>
  <input type="number" id="nilai" placeholder="Masukkan nilai"
oninput="konversiNilai()">

  <p id="hasilKonversi"></p>

  <script>
    function konversiNilai() {
      // Mendapatkan nilai dari input
      var nilaiAngka = document.getElementById("nilai").value;

      // Konversi nilai angka ke huruf
      var nilaiHuruf;
      if (nilaiAngka >= 0 && nilaiAngka <= 40) {
        nilaiHuruf = 'E';
      } else if (nilaiAngka <= 55) {
        nilaiHuruf = 'D';
      } else if (nilaiAngka <= 60) {
        nilaiHuruf = 'C';
      } else if (nilaiAngka <= 65) {
        nilaiHuruf = 'BC';
      } else if (nilaiAngka <= 70) {
        nilaiHuruf = 'B';
      }
    }
  </script>
</body>
</html>
```

```

    } else if (nilaiAngka <= 80) {
        nilaiHuruf = 'AB';
    } else if (nilaiAngka <= 100) {
        nilaiHuruf = 'A';
    } else {
        nilaiHuruf = 'Nilai tidak valid';
    }

    // Menampilkan hasil konversi
    document.getElementById("hasilKonversi").innerHTML = "Nilai Huruf:
" + nilaiHuruf;
    }
</script>
</body>
</html>

```

Berikut hasilnya:



Karena saya memasukkan angka 45 nilai huruf yang muncul adalah D karena else if (nilaiAngka <= 55) { nilaiHuruf = 'D';

Tugas 2

```
<!DOCTYPE html>
<html>
<head>
  <title>Kalkulator Sederhana</title>
  <style>
    body {
      font-family: Arial, sans-serif;
      text-align: center;
      padding: 20px;
      background-image: url(gbr2.jpg);
      background-size: cover;
    }

    input {
      padding: 5px;
      margin: 5px;
      width: 50px;
    }

    button {
      padding: 10px;
      margin: 5px;
      font-size: 16px;
    }
  </style>
</head>
<body>
  <h2>Kalkulator Sederhana</h2>

  <label for="bil1">Bilangan 1:</label>
  <input type="number" id="bil1" placeholder="Masukkan bilangan">

  <label for="bil2">Bilangan 2:</label>
  <input type="number" id="bil2" placeholder="Masukkan bilangan">

  <br><br>

  <button onclick="tambah()">+</button>
  <button onclick="kurang()">-</button>
  <button onclick="kali()">x</button>
  <button onclick="bagi()">/</button>

  <br><br>

  <label for="hasil">Hasil:</label>
  <input type="text" id="hasil" readonly>
```

```
<script>
    function tambah() {
        hitung('+');
    }

    function kurang() {
        hitung('-');
    }

    function kali() {
        hitung('*');
    }

    function bagi() {
        hitung('/');
    }

    function hitung(operasi) {
        // Mendapatkan nilai dari input
        var bil1 = parseFloat(document.getElementById("bil1").value);
        var bil2 = parseFloat(document.getElementById("bil2").value);

        // Melakukan operasi aritmatika
        var hasil;
        switch (operasi) {
            case '+':
                hasil = bil1 + bil2;
                break;
            case '-':
                hasil = bil1 - bil2;
                break;
            case '*':
                hasil = bil1 * bil2;
                break;
            case '/':
                hasil = bil1 / bil2;
                break;
            default:
                hasil = 'Operasi tidak valid';
        }

        // Menampilkan hasil pada input hasil
        document.getElementById("hasil").value = hasil;
    }
</script>
</body>
</html>
```


Berikut hasilnya:

Kalkulator Sederhana

Bilangan 1: Bilangan 2:

Hasil: