

**TASK REPORT**  
**WEB PROGRAMING**  
**WEEK 8**



**Created by:**  
**Cesario Hafidh Arifa Noorcholish**  
**L200224217**

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**INFORMATICS ENGINEERING**  
**FACULTY OF COMMUNICATION AND INFORMATICS**  
**UNIVERSITAS MUHAMMADIYAH SURAKARTA**  
**2023/2024**

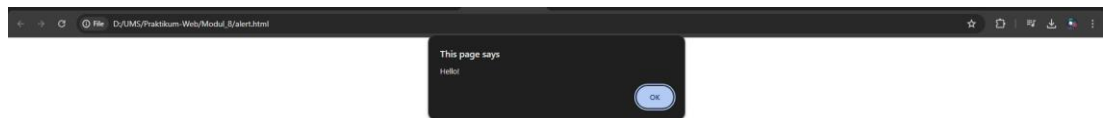
## TASK

### 1. Experiment 1 (Javascript)

- Code

```
<!DOCTYPE html>
<html Lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Alert Example</title>
</head>
<body>
<script type="text/javascript">
  alert("Hello!");
</script>
</body>
</html>
```

- Result



### 2. Experiment 2 (MouseOver)

- Code

```
<!DOCTYPE html>
<html Lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Mouse Over</title>
</head>
<body>
  <a href="javascript:void(0);"
    onmouseover="document.img_1.src='image1.jpg';"
    onmouseout="document.img_1.src='image2.jpg';">
    
  </a>
</body>
</html>
```

- Result



### 3. Experiment 3 (Character Counter)

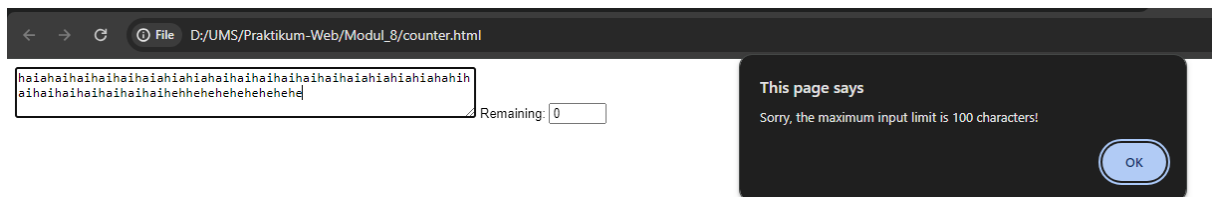
- Code

```
<!DOCTYPE html>
<html Lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <script>
    function CountMax() {
      var max = 100;
      var valuelength = document.form1.question.value.length;
      var remaining = max - valueLength;

      if (remaining < 0) {
        alert("Sorry, the maximum input limit is " + max + " characters!");
        document.form1.question.value = document.form1.question.value.substring(0, max);
        remaining = 0;
      }

      document.form1.rv_counter.value = remaining;
    }
  </script>
  <title>Counter</title>
</head>
<body>
  <form name="form1" method="post" action="">
    <textarea name="question" cols="60" rows="3" id="question"
      onfocus="CountMax();"
      onClick="CountMax();"
      onChange="CountMax();"
      onKeyDown="CountMax();"
      onKeyUp="CountMax();"
      wrap="virtual"></textarea>
    <font face="Arial, Helvetica, sans-serif, Bookman Old Style, Comic Sans MS" size="2">Remaining:
    <input name="rv_counter" type="text" size="3" maxLength="3" value="100" readonly>
  </form>
</body>
</html>
```

- Result



#### 4. Experiment 4 (Simple Calculator)

- Code

```
<!DOCTYPE html>
<html Lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Calculator</title>
  <script>
    function add() {
      let valuea = parseFloat(document.myform.a.value);
      let valueb = parseFloat(document.myform.b.value);
      let result = valuea + valueb;
      document.myform.result.value = result;
    }

    function subtract() {
      let valuea = parseFloat(document.myform.a.value);
      let valueb = parseFloat(document.myform.b.value);
      let result = valuea - valueb;
      document.myform.result.value = result;
    }

    function multiply() {
      let valuea = parseFloat(document.myform.a.value);
      let valueb = parseFloat(document.myform.b.value);
      let result = valuea * valueb;
      document.myform.result.value = result;
    }

    function divide() {
      let valuea = parseFloat(document.myform.a.value);
      let valueb = parseFloat(document.myform.b.value);
      if (valueb !== 0) {
        let result = valuea / valueb;
        document.myform.result.value = result;
      } else {
        alert("Cannot divide by zero");
        document.myform.result.value = "";
      }
    }
  </script>
</head>
<body>
  <form name="myform">
    <h3>Simple Calculator</h3><br>
    Value A: <input type="text" name="a" size="5"><br>
    Value B: <input type="text" name="b" size="5"><br><br>
    <input type="button" name="action" value="+" onclick="add()">
    <input type="button" name="action" value="-" onclick="subtract()">
    <input type="button" name="action" value="*" onclick="multiply()">
    <input type="button" name="action" value="/" onclick="divide()"><br><br>
    <b>Result: </b><input type="text" name="result" size="5" readonly><br>
  </form>
</body>
</html>
```

- Result

## Simple Calculator

Value A:

Value B:

Result:

## ASSIGNMENT

### 1. Create application that make choices using javascript that calculating value!

- Main Code

```
<!DOCTYPE html>
<html Lang="id">
<head>
  <meta charset="UTF-8">
  <title>Aplikasi Pengambilan Keputusan</title>
  <script>
    function hitungNilai() {
      // Mendapatkan nilai input
      var nilai = parseInt(document.getElementById("nilaiInput").value);

      // Menentukan nilai berdasarkan input
      var nilaiHuruf;
      if (nilai >= 0 && nilai <= 20) {
        nilaiHuruf = "E";
      } else if (nilai >= 21 && nilai <= 40) {
        nilaiHuruf = "D";
      } else if (nilai >= 41 && nilai <= 60) {
        nilaiHuruf = "C";
      } else if (nilai >= 61 && nilai <= 80) {
        nilaiHuruf = "B";
      } else if (nilai >= 81 && nilai <= 100) {
        nilaiHuruf = "A";
      } else {
        nilaiHuruf = "Nilai Tidak Valid";
      }

      // Menampilkan hasil
      document.getElementById("hasil").innerText = "Nilai: " + nilaiHuruf;
    }
  </script>
</head>
<body>
  <h2>Aplikasi Pengambilan Keputusan</h2>
  <label for="nilaiInput">Masukkan Nilai (0-100):</label>
  <input type="text" id="nilaiInput" name="nilaiInput">
  <button onClick="hitungNilai()">Hitung</button>
  <div id="hasil"></div>
</body>
</html>
```

- Result

## Aplikasi Pengambilan Keputusan

Masukkan Nilai (0-100):

Nilai: A

## Aplikasi Pengambilan Keputusan

Masukkan Nilai (0-100):

Nilai: Nilai Tidak Valid

\*\* If there is a code that is difficult/cannot be understand. I have uploaded my code on my github.

\*\* Untuk lebih jelas kodenya bisa lihat di github saya.

Link to My Github : [https://github.com/Pidhhh/Praktikum-Web/tree/main/Modul\\_8](https://github.com/Pidhhh/Praktikum-Web/tree/main/Modul_8)