

NAMA : RIFKI MAULANA

KELAS : TI VC

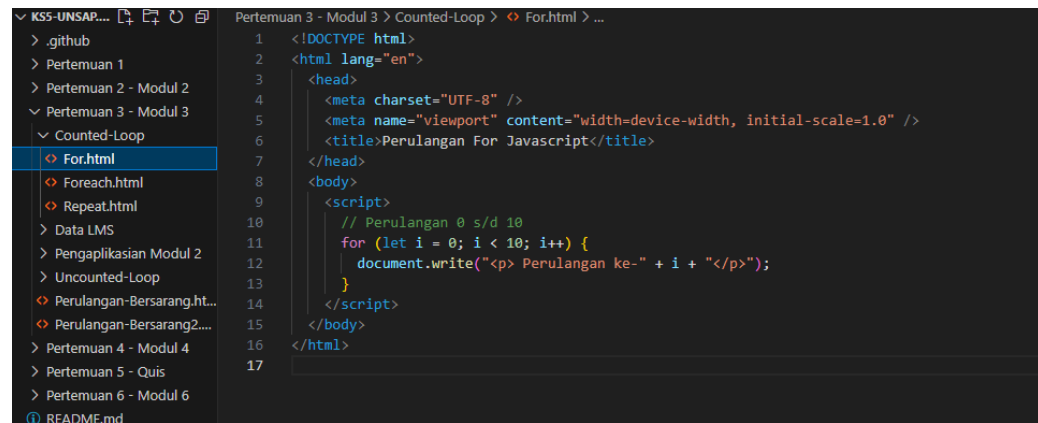
NIM : A2.2100111

MP. PENGEMBANGAN APLIKASI PLATFORM KHUSUS | HASIL PEMBELAJARAN

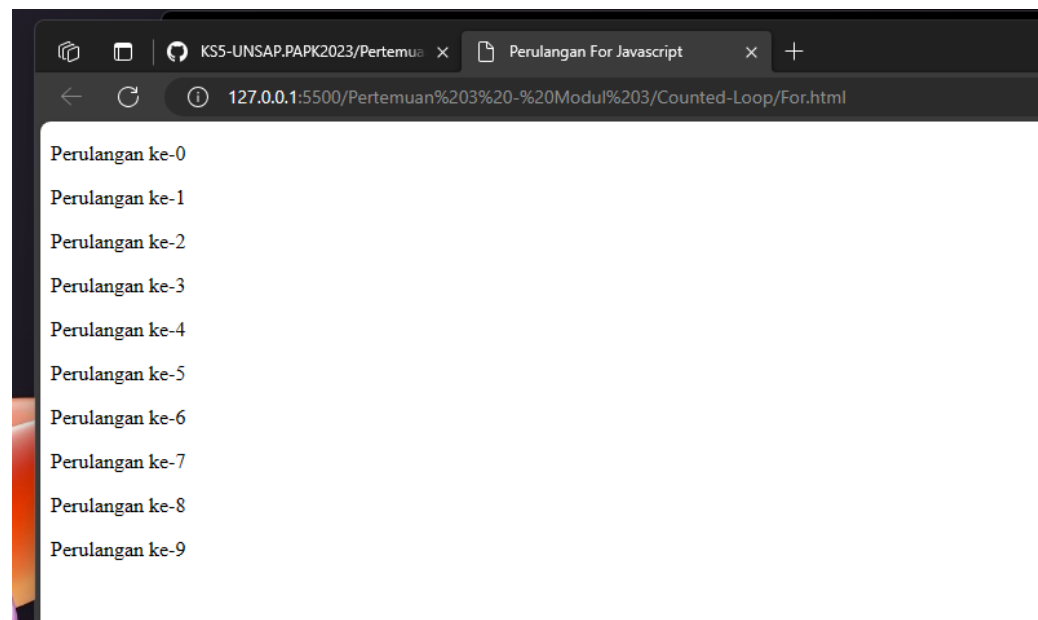
MODUL 3 PERTEMUAN 3

1. Counted Loop

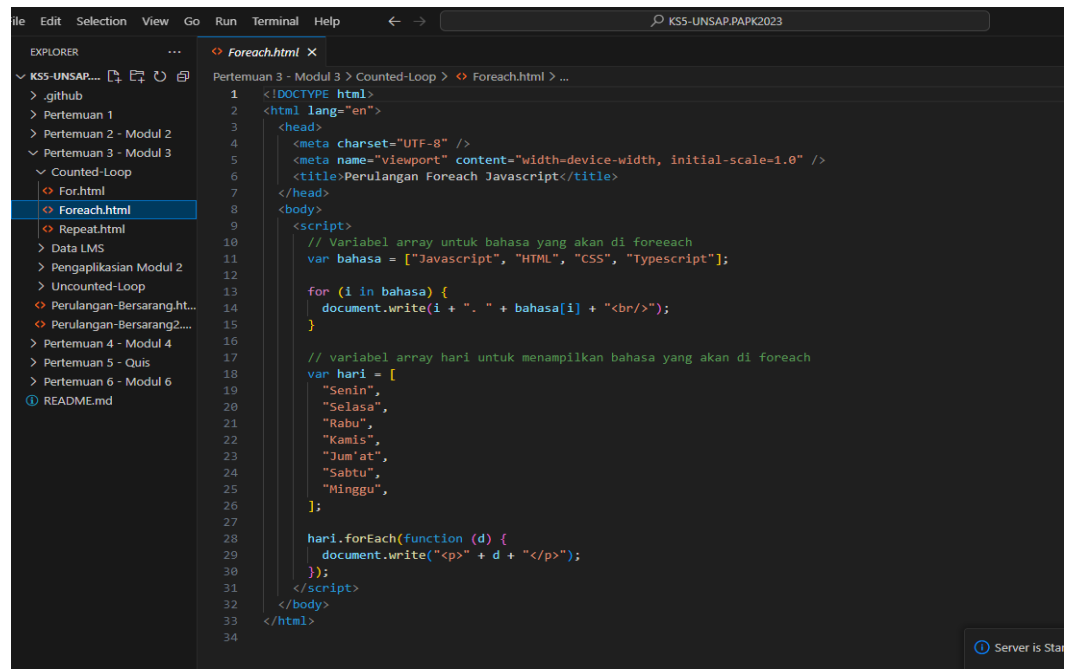
a. For



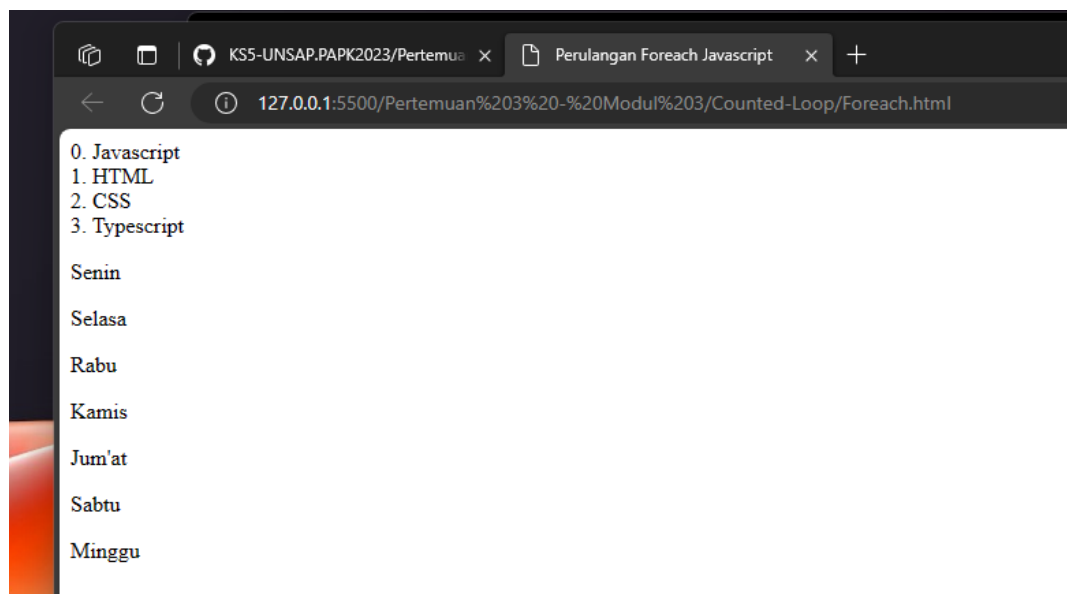
```
1 <!DOCTYPE html>
2 <html lang="en">
3 <head>
4   <meta charset="UTF-8" />
5   <meta name="viewport" content="width=device-width, initial-scale=1.0" />
6   <title>Perulangan For Javascript</title>
7 </head>
8 <body>
9   <script>
10     // Perulangan 0 s/d 10
11     for (let i = 0; i < 10; i++) {
12       document.write("<p> Perulangan ke-" + i + "</p>");
13     }
14   </script>
15 </body>
16 </html>
```



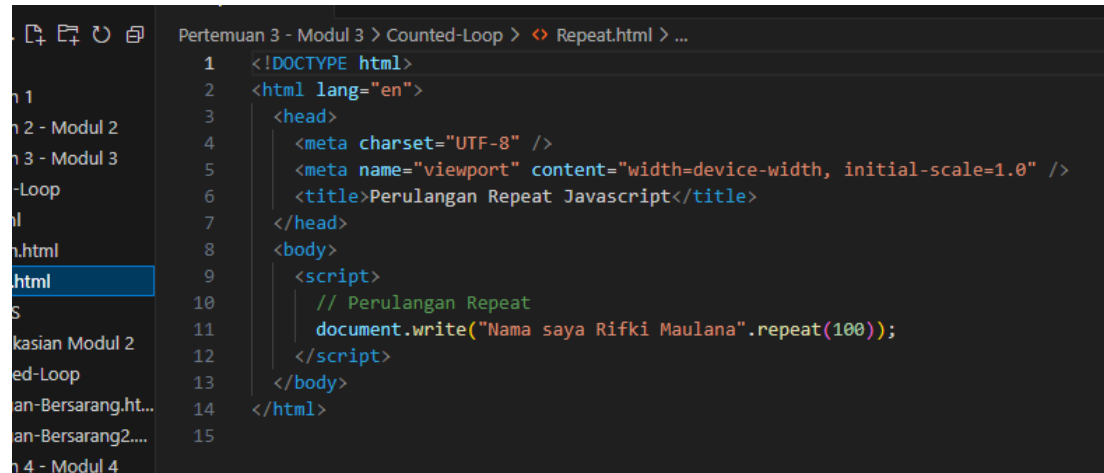
b. Foreach



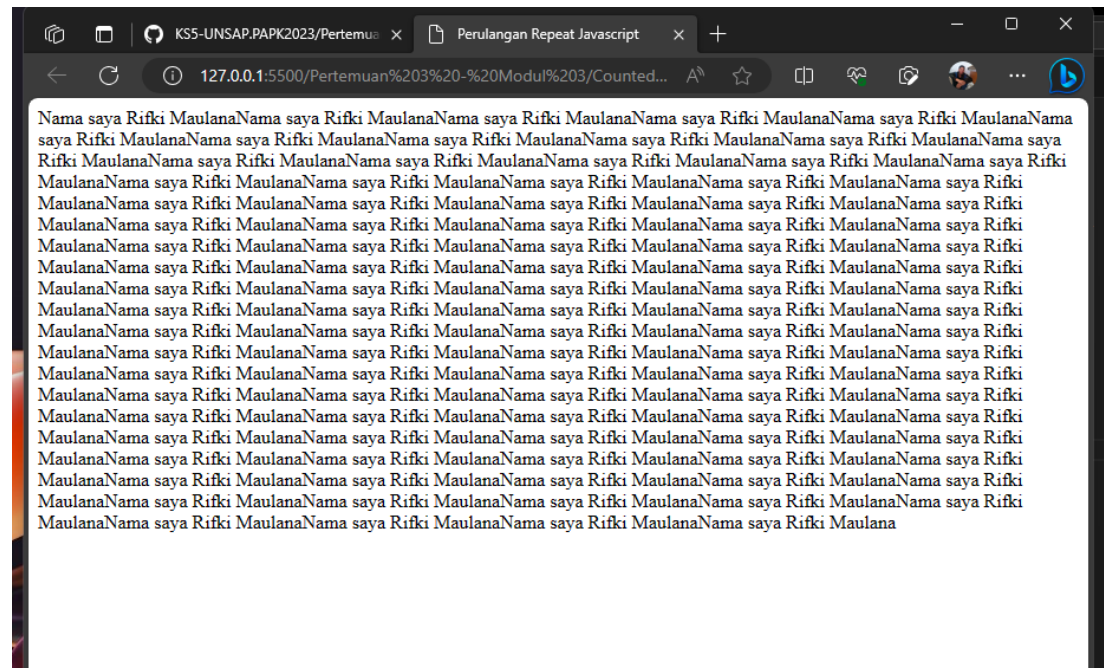
```
1 <!DOCTYPE html>
2 <html lang="en">
3 <head>
4   <meta charset="UTF-8" />
5   <meta name="viewport" content="width=device-width, initial-scale=1.0" />
6   <title>Perulangan Foreach Javascript</title>
7 </head>
8 <body>
9   <script>
10    // Variabel array untuk bahasa yang akan di foreach
11    var bahasa = ["Javascript", "HTML", "CSS", "Typescript"];
12
13    for (i in bahasa) {
14      document.write(i + ". " + bahasa[i] + "<br/>");
15    }
16
17    // variabel array hari untuk menampilkan bahasa yang akan di foreach
18    var hari = [
19      "Senin",
20      "Selasa",
21      "Rabu",
22      "Kamis",
23      "Jum'at",
24      "Sabtu",
25      "Minggu",
26    ];
27
28    hari.forEach(function (d) {
29      document.write("<p>" + d + "</p>");
30    });
31  </script>
32 </body>
33 </html>
34
```



c. Repeat

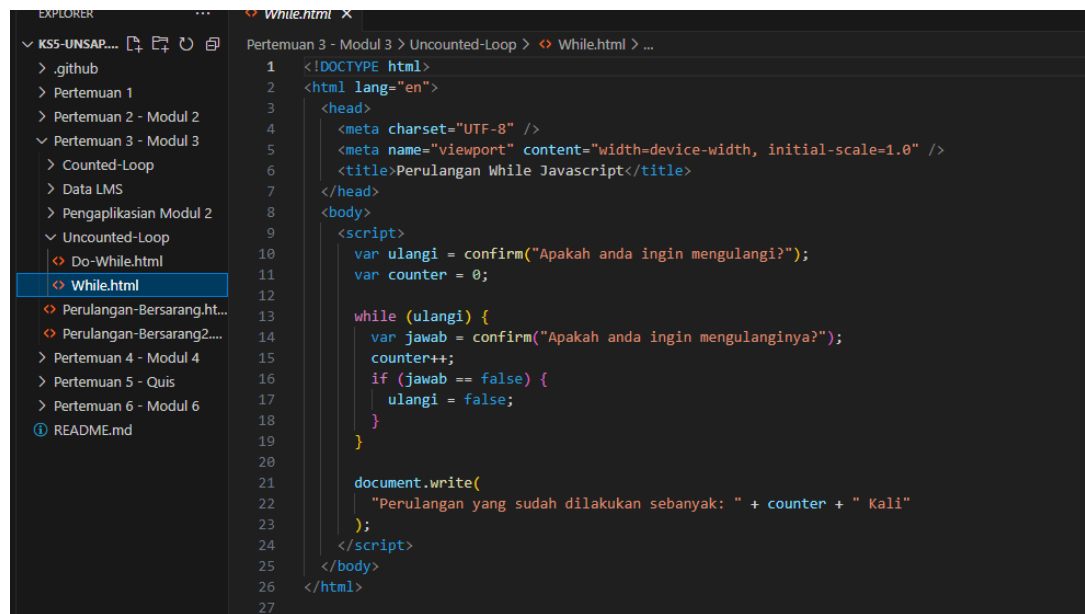


```
1 <!DOCTYPE html>
2 <html lang="en">
3   <head>
4     <meta charset="UTF-8" />
5     <meta name="viewport" content="width=device-width, initial-scale=1.0" />
6     <title>Perulangan Repeat Javascript</title>
7   </head>
8   <body>
9     <script>
10      // Perulangan Repeat
11      document.write("Nama saya Rifki Maulana".repeat(100));
12    </script>
13  </body>
14 </html>
```

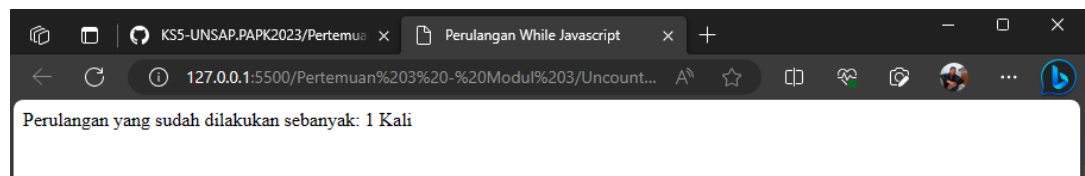
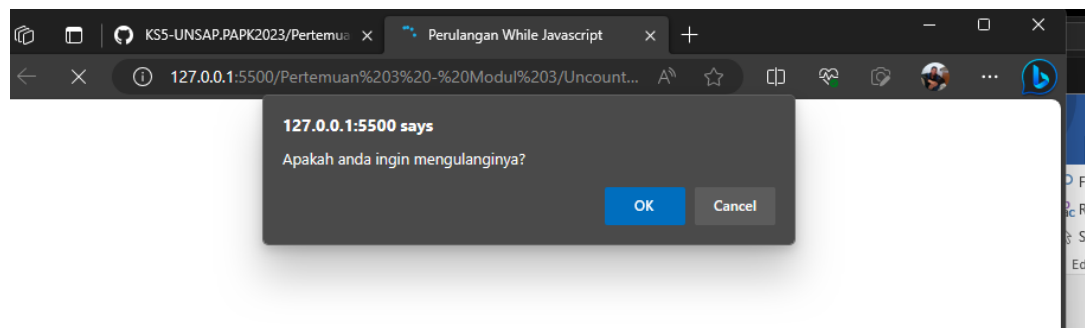
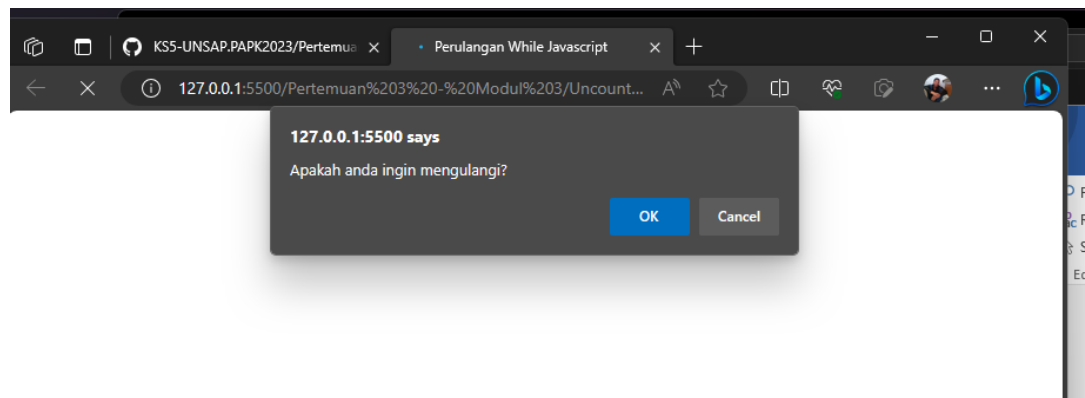


2. Uncounted Loop

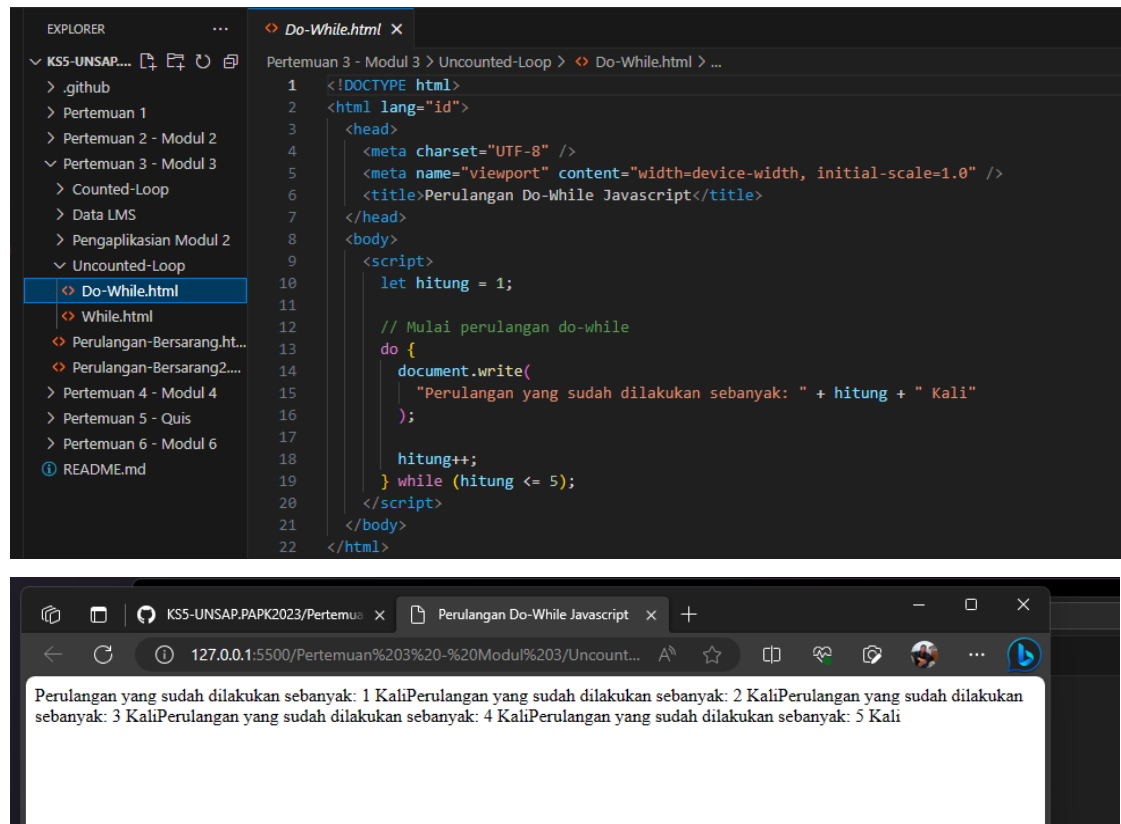
a. While



```
1 <!DOCTYPE html>
2 <html lang="en">
3 <head>
4   <meta charset="UTF-8" />
5   <meta name="viewport" content="width=device-width, initial-scale=1.0" />
6   <title>Perulangan While Javascript</title>
7 </head>
8 <body>
9   <script>
10    var ulangi = confirm("Apakah anda ingin mengulangi?");
11    var counter = 0;
12
13    while (ulangi) {
14      var jawab = confirm("Apakah anda ingin mengulanginya?");
15      counter++;
16      if (jawab == false) {
17        ulangi = false;
18      }
19    }
20
21    document.write(
22      "Perulangan yang sudah dilakukan sebanyak: " + counter + " Kali"
23    );
24  </script>
25 </body>
26 </html>
27
```



b. Do/While



The image shows two screenshots. The top screenshot is a VS Code editor window with the file explorer on the left showing a project structure for 'KSS-UNSA-PAPK2023'. The main editor displays 'Do-While.html' with the following code:

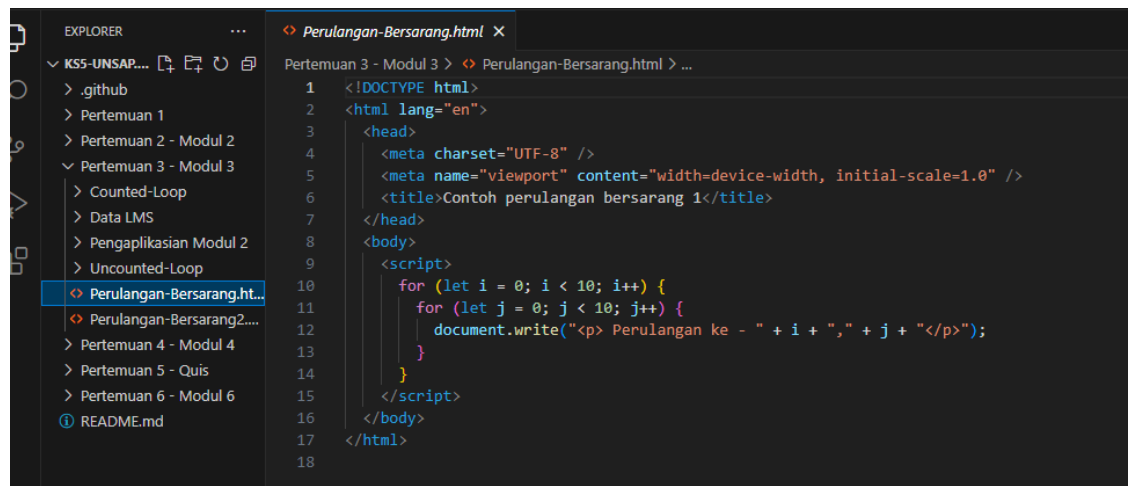
```
1 <!DOCTYPE html>
2 <html lang="id">
3   <head>
4     <meta charset="UTF-8" />
5     <meta name="viewport" content="width=device-width, initial-scale=1.0" />
6     <title>Perulangan Do-While Javascript</title>
7   </head>
8   <body>
9     <script>
10      let hitung = 1;
11
12      // Mulai perulangan do-while
13      do {
14        document.write(
15          "Perulangan yang sudah dilakukan sebanyak: " + hitung + " Kali"
16        );
17
18        hitung++;
19      } while (hitung <= 5);
20    </script>
21  </body>
22 </html>
```

The bottom screenshot is a web browser window showing the output of the Do-While loop. The address bar shows the URL '127.0.0.1:5500/Pertemuan%203-%20Modul%203/Uncount...'. The page content displays the output of the loop, which is repeated five times:

Perulangan yang sudah dilakukan sebanyak: 1 Kali
Perulangan yang sudah dilakukan sebanyak: 2 Kali
Perulangan yang sudah dilakukan sebanyak: 3 Kali
Perulangan yang sudah dilakukan sebanyak: 4 Kali
Perulangan yang sudah dilakukan sebanyak: 5 Kali

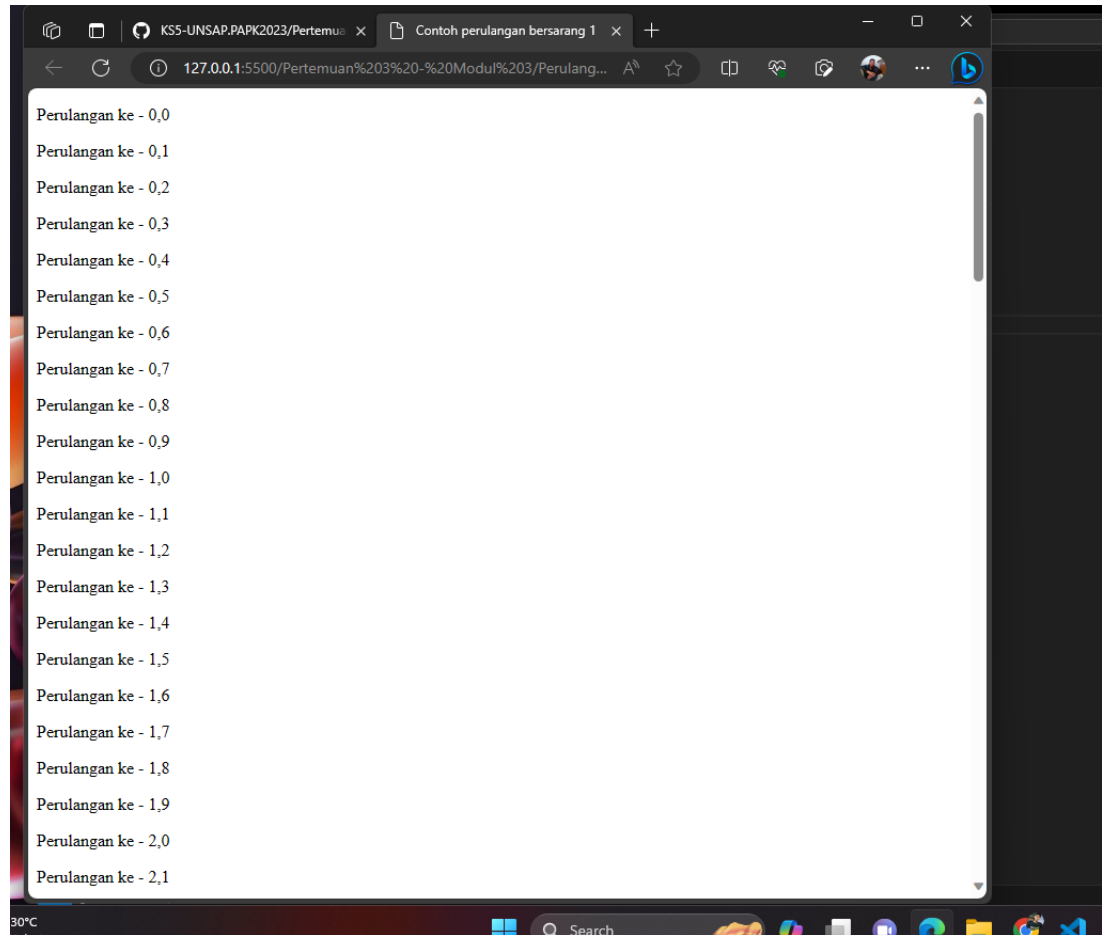
3. Nested Loop (Perulangan Bersarang)

a. Contoh Perulangan Bersarang 1

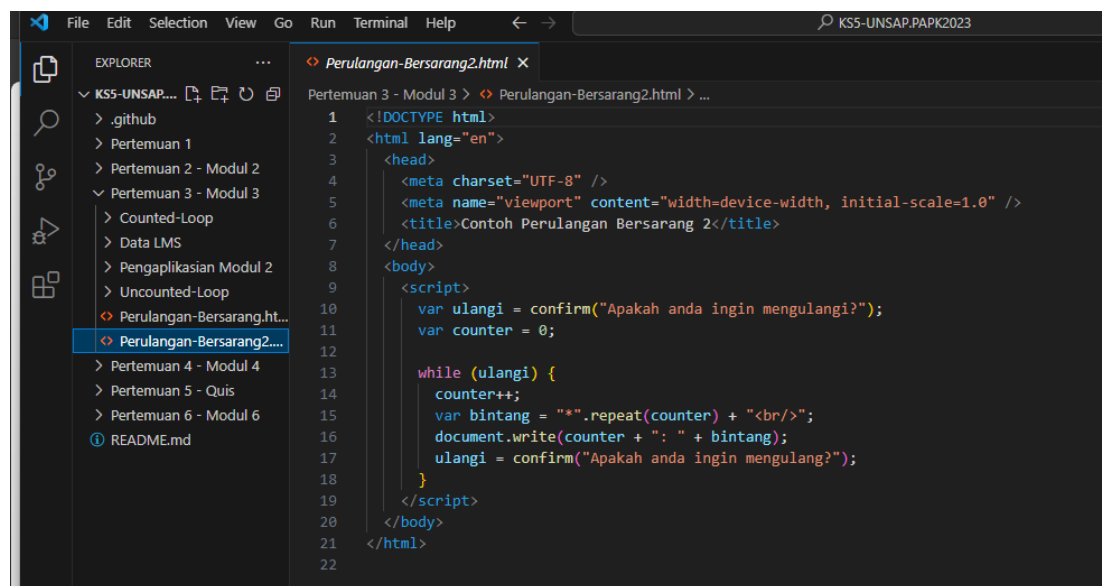


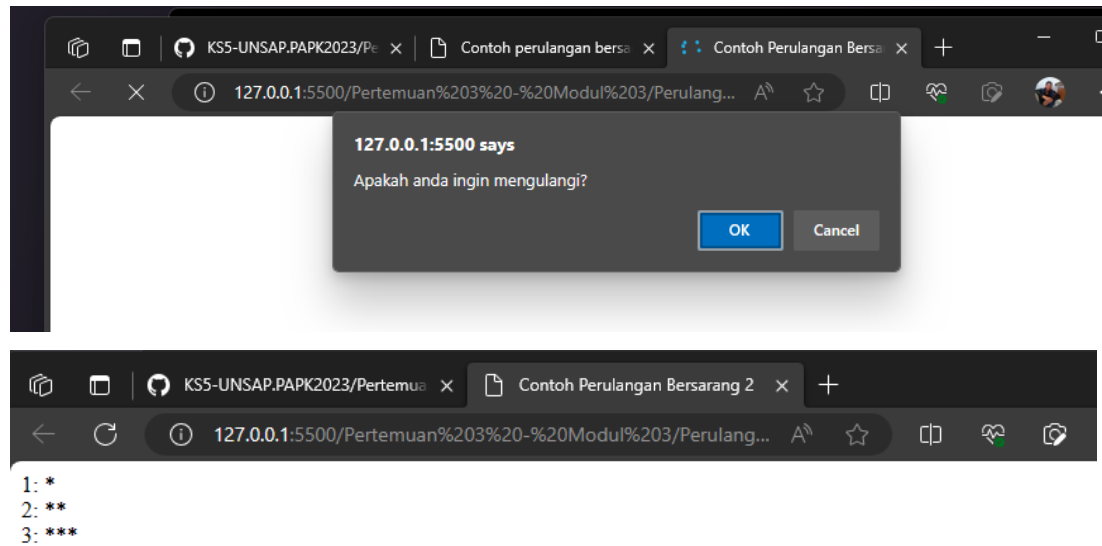
The image shows a VS Code editor window with the file explorer on the left showing a project structure for 'KSS-UNSA-PAPK2023'. The main editor displays 'Perulangan-Bersarang.html' with the following code:

```
1 <!DOCTYPE html>
2 <html lang="en">
3   <head>
4     <meta charset="UTF-8" />
5     <meta name="viewport" content="width=device-width, initial-scale=1.0" />
6     <title>Contoh perulangan bersarang 1</title>
7   </head>
8   <body>
9     <script>
10      for (let i = 0; i < 10; i++) {
11        for (let j = 0; j < 10; j++) {
12          document.write("<p> Perulangan ke - " + i + ", " + j + "</p>");
13        }
14      }
15    </script>
16  </body>
17 </html>
```



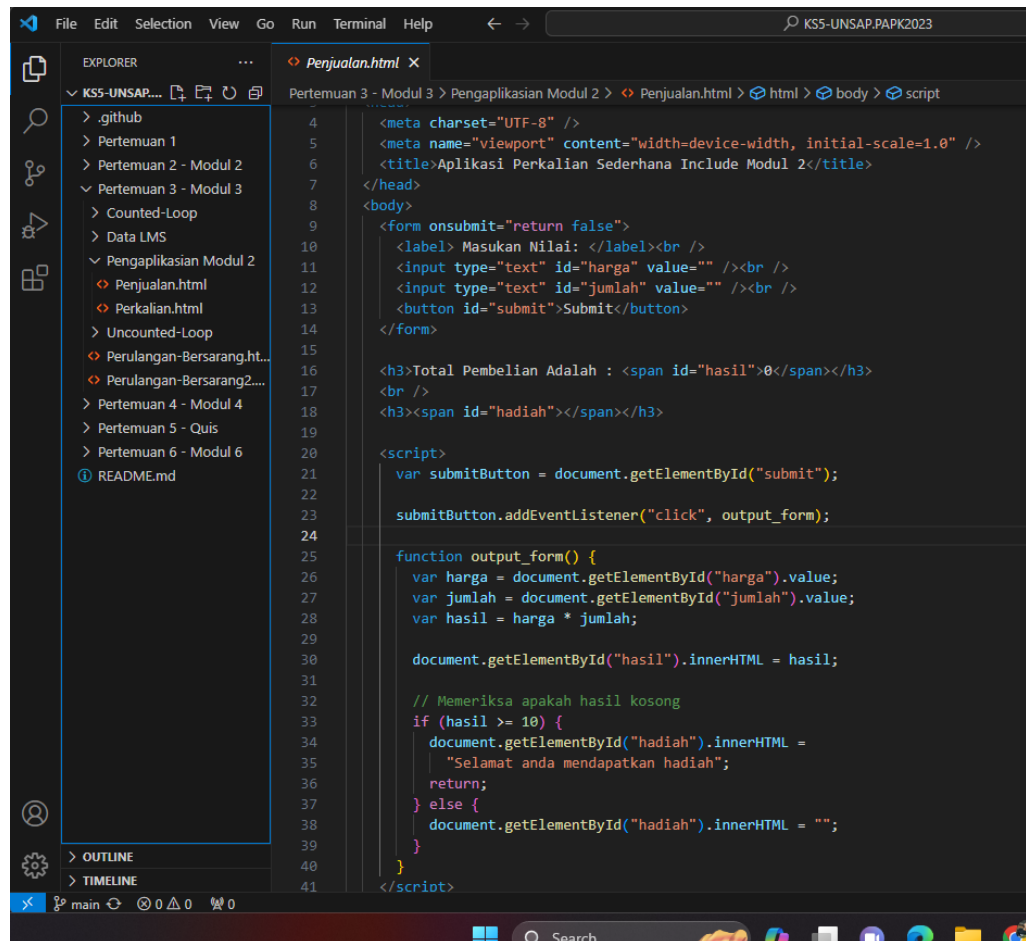
b. Contoh Perulangan Bersarang 2





4. Materi Tambahan dari Modul 2 (Pertemuan 2)

a. Contoh Pengaplikasian Penjualan



Masukan Nilai:

Total Pembelian Adalah : 60000

Selamat anda mendapatkan hadiah

b. Contoh Pengaplikasian Perhitungan

```

1 <!DOCTYPE html>
2 <html lang="en">
3 <head>
4 <meta charset="UTF-8" />
5 <meta name="viewport" content="width=device-width, initial-scale=1.0" />
6 <title>Aplikasi Perkalian Sederhana Include Modul 2</title>
7 </head>
8 <body>
9 <form onsubmit="return false">
10 <label> Masukan Nilai: </label><br />
11 <input type="text" id="input1" value="" /><br />
12 <input type="text" id="input2" value="" /><br />
13 <button id="submit">Submit</button>
14 </form>
15
16 <script>
17 document.getElementById("submit");
18 addEventListener("click", output_form);
19
20 function output_form() {
21 var input1 = document.getElementById("input1").value;
22 var input2 = document.getElementById("input2").value;
23 var hasil = input1 * input2;
24
25 document.getElementById("hasil1").innerHTML = input1;
26 document.getElementById("hasil2").innerHTML = input2;
27 document.getElementById("hasil").innerHTML = hasil;
28 }
29 </script>
30
31 <h3>
32 Hasil Perkalian <span id="hasil1">0</span> dikali
33 <span id="hasil2">0</span> Adalah : <span id="hasil">0</span>
34 </h3>
35 </body>
36 </html>

```

Masukan Nilai:

Hasil Perkalian 2 dikali 3 Adalah : 6

